LG
Life's Good

ENGLISH

ESPAÑOL

OWNER'S MANUAL
BOTTOM FREEZER REFRIGERATOR

Please read this manual carefully before operating your set and retain it for future reference.

MANUAL DE USUARIO
REFRIGERADOR CON CONGELADOR INFERIOR

Lea detenidamente este manual antes de empezar a utilizar el refrigerador y guárdelo como referencia para el futuro.

Model Name/Nombre de Modelo **=color number/número de color

LFD22786**

GM-F223R*XM

P/No. MFL67851603

www.lg.com

TABLE OF CONTENTS

Important Safety Instructions **2-3**
Requirements for Ground Connection 3

Parts and Features **4**

Refrigerator Installation **5-12**
Unpacking 5
Installation 5
How to remove and Install the
Refrigerator Doors, handle and drawers 6-11
Leveling and Door Alignment 12

Using your Refrigerator **13-20**
Adjusting Control Settings 13-14
Automatic Icemaker 15
Food Storage Guide 16

► **Refrigerator Section**
Water Dispenser 17
Refrigerator Shelves 18
Humidity Controlled Crisper 18
Pantry Drawer 19
Door Bins 19
Dairy Bin 19

► **Freezer Section**
Durabase 20
Durabase Divider 20
Pullout Drawer 20

Water filter 21-24

Care and cleaning 25-26
General cleaning tips 25

Connecting the Water Line 27-29

Troubleshooting Guide 30-38

Warranty 39-40

Smart Diagnosis 41

IMPORTANT SAFETY INSTRUCTIONS

SAFETY MESSAGES

This manual contains several important safety notices. Always read and obey all of the following safety messages.

This is the safety alert symbol. This symbol is a warning to potential dangers that could cause death, injury or damage to you, others or the product. All safety messages will follow after this warning symbol and the word "DANGER", "CAUTION" or "WARNING". These words mean:

⚠ DANGER — You may be killed or suffer fatal damage if you do not follow instructions.

⚠ WARNING — You may be killed or seriously injured if you do not follow instructions.

⚠ CAUTION — Indicates a potentially hazardous situation which, if not avoided, may result in minor injury or damage to the product.

All safety messages inform you of potential danger, advise you on how to reduce the risk of injury and tell you what can occur if the instructions are not followed.

⚠ WARNING

To reduce the risk of fire, electrical shock or personal injury, the following precaution measures should be followed:

- NEVER disconnect the refrigerator by pulling the power cord, always grip the plug firmly and disconnect it directly from the outlet.
- Immediately repair or replace all faulty or damaged service cables. Do not use cords that have cracks or abrasion damage on the length of the cord or on the plug.
- When moving your refrigerator, take care not to roll over the electrical cord.
- **DO NOT** store or use gasoline or other combustible liquids or vapors in proximity with this or any other electrical appliance.
- **DO NOT** store, use on it or in proximity, explosive and /or flammable propellant substances such as; gasoline, aerosol cans or other combustible liquids or vapors in this or any other electrical appliance.
- Keep your fingers away from areas in which they can become caught, such as the doors, hinges and cabinets. Be careful closing the doors when children are near.
- Unplug the refrigerator before cleaning or repairing. **NOTE:** We strongly recommend that any repair services be performed by a qualified professional.
- Before replacing a burned-out light bulb, unplug the refrigerator or shut down the circuit breaker to avoid contact with a live wire (the bulb could break while being replaced). **NOTE:** Setting the control to the OFF position does not disconnect the power from the light bulb circuit.
- Do not keep bottles in the freezer compartment, they could explode after freezing and cause damage.
- For your safety, this product should be properly grounded. Have a qualified professional check the electrical circuit and outlet to ensure a proper ground connection.
- Read all instructions before utilizing the product. Utilize this product only as explicitly expressed in this guide.
- Once the refrigerator is operating, avoid touching cold surfaces of the freezer with damp or wet hands; the skin could become adhered to these surfaces.
- In refrigerators with an automatic ice dispenser, avoid contact with moving parts of the ejector mechanism or with the heating mechanism that discharges the cubes. **DO NOT** place your fingers or hands in the ice dispenser mechanism while the refrigerator is connected.
- **DO NOT** refreeze foods which have already thawed. The Department of Agriculture of the United States, in your Bulletin of Home and Gardens No. 69 establishes that:

"...You can refreeze food that has thawed if they contain ice crystals or are cold and below 40 °F (4 °C)".

"...Ground beef, perishable food or seafood that is discolored or has an unpleasant odor should not be frozen or consumed. Consumption of melted ice cream should also be avoided. If the odor or color of food is questionable, discard it. The food may be dangerous to consume".

"Partial thawing or refreezing reduces the quality of the food, especially fruit, vegetables and prepared meals. The quality of red meat is less affected than other foods. Use refrozen products as soon as possible in order to maintain their quality".

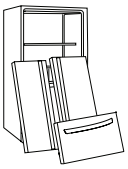
KEEP THESE INSTRUCTIONS

⚠ CAUTION

This appliance is not intended for use by children, persons with physical or mental disabilities, persons with reduced sensory or mental capacity, or persons with lack of experience or know-how, unless they have supervision or instruction in relation to the use of the appliance by the person responsible for their safety. Children should be supervised to assure that they do not play with the appliance.

⚠ DANGER: CHILDREN MAY BECOME TRAPPED

Children becoming trapped or suffocated is not a problem of the past. Discarded and abandoned refrigerators are a hazard, even if they remain there "for just a few days". If you would like to dispose of your old refrigerator, please follow the instructions below to prevent any accidents.



BEFORE DISPOSING YOUR REFRIGERATOR OR FREEZER WHEN NO LONGER IN USE:

- Remove the doors.
- Leave the shelves in place so that children cannot easily become stuck in them.

CFC DISPOSAL

Your old refrigerator may have a cooling system that uses CFC's (chlorofluorocarbons). CFC affects the stratospheric layer of the ozone.

If you decide to throw out your old refrigerator, ensure that CFC contaminants are properly disposed of by a qualified professional. If you intentionally remove the CFC refrigerant, you could be subject to fines or prison in accordance with environmental legislation in effect.

REQUIREMENTS FOR GROUND CONNECTION

IMPORTANT: Attentively read the following.

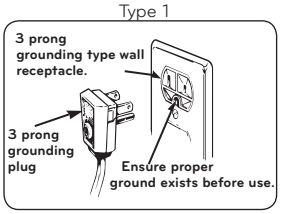
TO CONNECT ELECTRICITY

⚠ WARNING

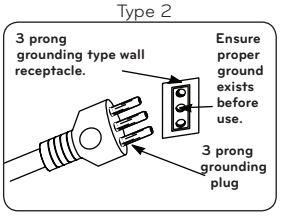
ELECTRICAL SHOCK HAZARD

FOR YOUR PERSONAL SAFETY, this appliance must be properly grounded. Have a qualified electrician check your wall outlet to ensure that the plug is grounded properly.

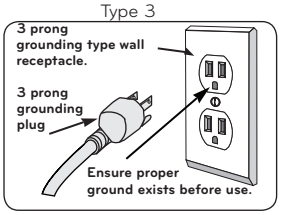
Type 1



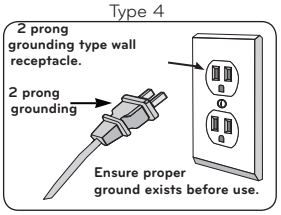
Type 2



Type 3



Type 4



RECOMMENDED GROUNDING METHOD

Your refrigerator must always be plugged to its own outlet which is adequately grounded. The energy current should only be 115 V ~ 60 Hz, 127 V ~ 60 Hz or 220 V~ 50/60 Hz, AC (according to the National rating type). with a 15 A fuse for voltages between 115 and 127 V or 10 A to 220 V independent voltage protection system from the main supply of your home. (The electrical installation must be verified by a qualified technician).

This provides the best performance and prevents an overload which could cause a fire from the overheating of the cables.

It is recommended that a separate circuit be used for this appliance, as well as a receptacle that cannot be disconnected with a switch.

Do not use an extension cable. It is your responsibility and obligation to replace two-prong outlets with that of an adequately grounded three-prong outlet.

Do not, under any circumstance, cut or extract the third prong from the plug.

NOTE: Before installation, cleaning or replacing light bulbs, you must disconnect the appliance from the power source. When finished, plug the appliance back in and adjust the thermostat to the desired position.

USE OF EXTENSION CABLES

We do not recommend the use of extension cables. However, if you still choose to utilize an extension cable, it is absolutely necessary that it is listed in the UL (in the United States) or CSA (in Canada), that it supports three-pronged plugs and that the electrical current support a 15 A fuse for voltages between 115 and 127 V or 10 A to 220 V. (Verify the electric specification of your country.) The use of an extension cable will increase the amount of space needed behind the refrigerator.

⚠ WARNING

REPLACING ELECTRICAL CABLE

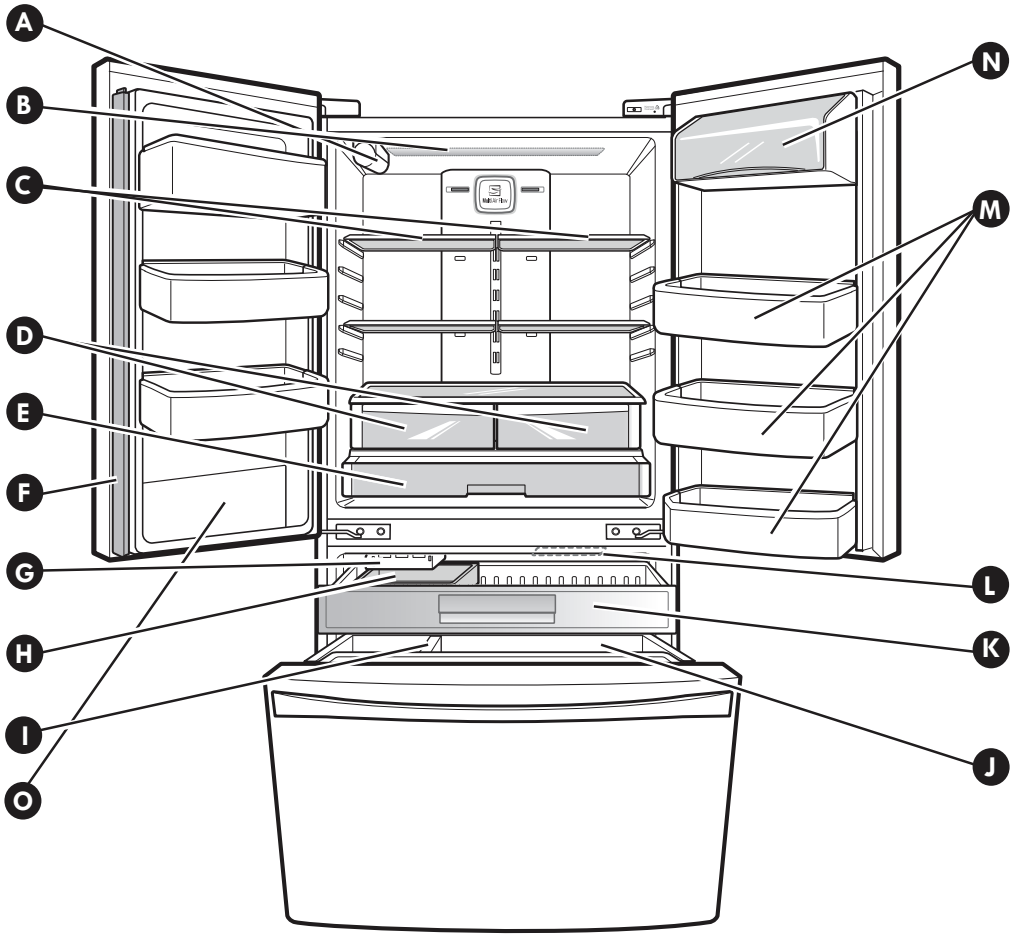
If the power cord is damaged, it must be replaced by our service center or qualified LG technician to avoid any risk.

⚠ WARNING

DO NOT USE MECHANICAL DEVICES

Do not use mechanical devices or other means to accelerate the defrosting process, only those recommended by the manufacturer.

PARTS AND FEATURES



Use this page to become more familiar with the parts and features of your refrigerator.

NOTE: This guide covers several different models. The refrigerator you have purchased may have some or all of the items listed below. The locations of the features shown below may not match your model.

- **A** Water Filter
- **B** Refrigerator Light
- **C** Refrigerator Shelves
- **D** Humidity Controlled Crispers
- **E** Pantry
- **F** Articulating Mullion
- **G** Ice Maker
- **H** Ice Bin
- **I** Durabase Divider
- **J** Durabase
- **K** Pull Out Drawer
- **L** Freezer Light
- **M** Door Bins
- **N** Dairy Bin
- **O** Water Tank Cover

* On some models

"This appliance is intended to be used in household and similar applications such as:
-Staff kitchen areas in shops, offices and other working environments; farms houses and by clients in hotel, motels and others residential type environments.
-Bed and breakfast type environments; catering and similar non-reatil applications."

⚠ WARNING

EXCESSIVE WEIGHT HAZARD

Use the assistance of two or more persons to move or install the refrigerator. Not following these instructions may cause injury to the back and other parts of the body.

UNPACKING

Before installing your refrigerator, remove any tape or temporary stickers. Do not remove any stickers that feature warnings, the model serial number or the technical label of the product located on the back of the refrigerator.

To remove adhesive tape residue, rub it well with your fingers and a little liquid detergent. Clean with warm water and let dry.

Do not use sharp instruments, rubbing alcohol, flammable liquids or abrasive cleaning products to remove the adhesive tape or glue. These products can damage the surface of your refrigerator. For more information, see the section on **"Important Safety Instructions"**.

The shelves come already installed in their factory position. Remove the shelves and replace them according to your spacing needs.

Moving Your Refrigerator:

Your refrigerator is extremely heavy. Make sure you protect the floor when moving your refrigerator for cleaning or servicing. Always pull your refrigerator straight out when moving it. Do not shift from side to side or "walk" the refrigerator when attempting to move it as this can cause damage to the floor.

⚠ WARNING

EXPLOSION HAZARD

Keep all flammable materials and vapors (such as gasoline) away from the refrigerator. Not following these instructions may cause death, explosion or fire

INSTALLATION

1. Avoid placing the unit near heat sources, direct sunlight, or humidity.
2. To avoid vibration, the unit should be leveled. If needed, adjust the leveling screws to compensate for an unleveled floor. The front should be slightly taller than the rear to ensure that the doors close properly. The leveling screws can easily be turned by slightly tilting the front of the refrigerator, turning the leveling screws clockwise ( ) to raise it and counter-clockwise ( ) to lower it.
3. Install the refrigerator in an area between 55 °F (13 °C) and 110 °F (43 °C). If the surrounding temperature is lower or higher than previously mentioned, it can adversely affect the unit.

⚠ CAUTION: Avoid placing the unit near heat sources, direct sunlight or humidity.

ONCE INSTALLED

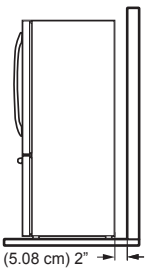
1. Carefully clean your refrigerator and remove and dust accumulated during shipping.
2. Install accessories such as the ice bin, door racks, shelves, etc., in their proper places. These are already packed to prevent any possible damage during shipping.
3. Leave your refrigerator on for 2 to 3 hours before storing food inside. Verify that there is a flow of cold air in the freezer compartment to ensure proper cooling. Your refrigerator is now ready for use.

⚠ WARNING:

- Take care when working with the hinges, base cover and stops, etc. You may injure yourself.
- DO not place your hands or any tools in the air vents, the base cover or in the bottom of the refrigerator. This may cause injury or electrical shock.

Keep a Proper Distance from Adjacent Objects

Please keep the refrigerator at an adequate distance from other objects. Insufficient spacing can reduce the refrigerator's freezing efficiency and increase electricity consumption.



HOW TO REMOVE AND INSTALL THE REFRIGERATOR DOORS

For moving the refrigerator through a house door, it might be necessary to remove refrigerator and freezer door handles.

NOTE: Removing the doors is always recommended when it is necessary to move the refrigerator through a narrow opening. If it is necessary to remove the handles, follow the directions below.

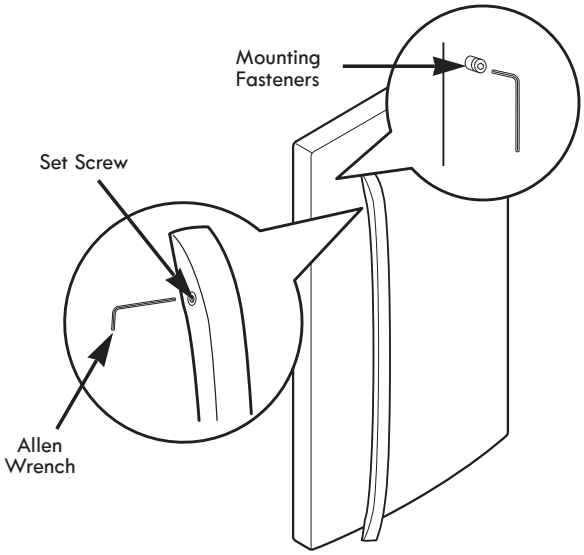
TOOLS YOU MIGHT NEED OR USE

HOW TO REMOVE REFRIGERATOR DOOR HANDLE

NOTE: Handle appearance may vary from illustrations on this page.

Loosen the set screws with a 3/32 in (2,5 mm). Allen wrench and remove the handle.

NOTE: If the handle mounting fasteners need to be tightened or removed, use a 1/4 in (6,4 mm). Allen wrench.

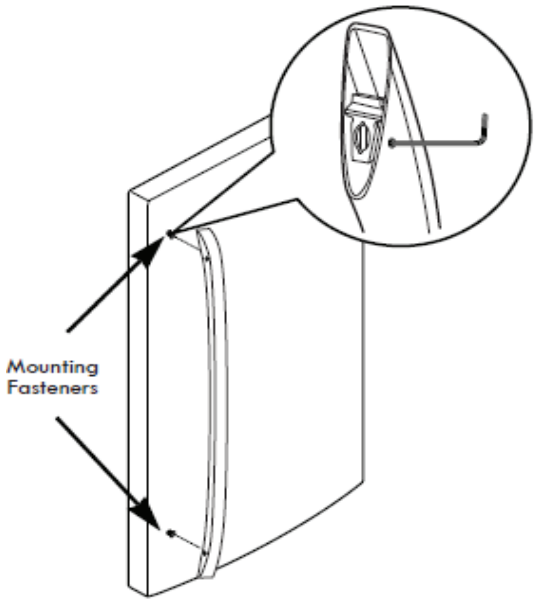


HOW TO REPLACE REFRIGERATOR DOOR HANDLE

NOTE: Handle appearance may vary from illustrations on this page.

Place the handle on the door by fitting the handle footprints over the mounting fasteners and tightening the set screws with a 3/32 in (2,5 mm) Allen wrench.

NOTE: If the handle mounting fasteners need to be tightened or removed, use a ¼ in. Allen wrench.



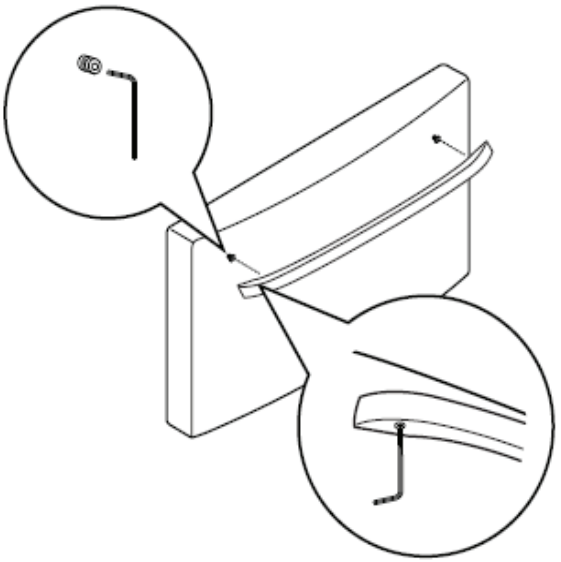
NOTE: Removing the doors is always recommended when it is necessary to move the refrigerator through a narrow opening. If it is necessary to remove the handles, follow the directions below.

HOW TO REMOVE FREEZER DOOR HANDLE

NOTE: Handle appearance may vary from illustrations on this page.

Loosen the set screws located on the lower side of the handle with a 1/8 in (3,1 mm). Allen wrench and remove the handle.

NOTE: If the handle mounting fasteners need to be tightened or removed, use a 1/4 in (6,4 mm). Allen wrench.

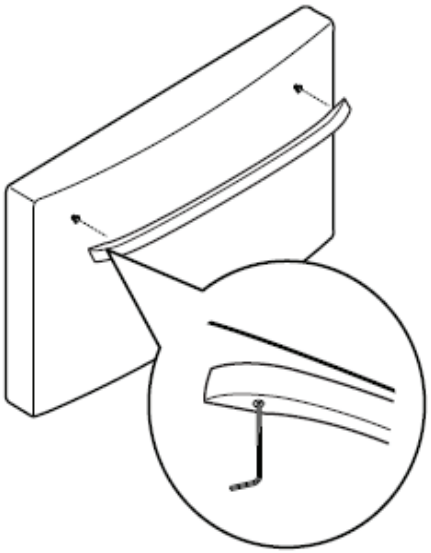


HOW TO REPLACE FREEZER DOOR HANDLE

NOTE: Handle appearance may vary from illustrations on this page.

Place the handle on the door by fitting the handle footprints over the mounting fasteners and tightening the set screws with a 1/8 in (3,1 mm). Allen wrench.

NOTE: If the handle mounting fasteners need to be tightened or removed, use a 1/4 in (6,4 mm). Allen wrench



REMOVING AND REPLACING REFRIGERATOR DOORS

⚠ WARNING

Excessive Weight Hazard:

Use two or more people to remove and install the refrigerator doors. Failure to do so can result in back or other injury.

⚠ WARNING

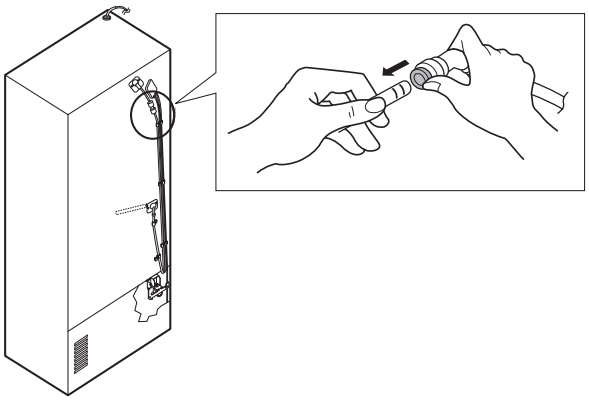
Electrical Shock Hazard

• Disconnect the electrical supply to the refrigerator before installing. Failure to do so could result in serious injury or death.

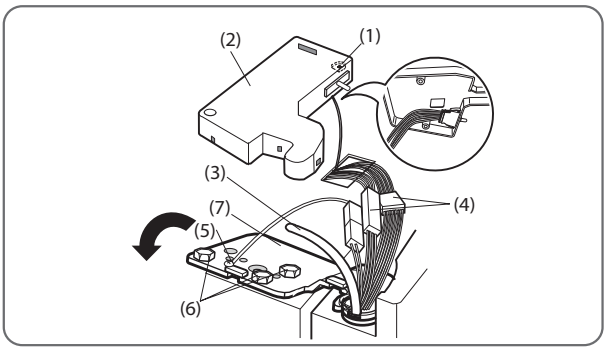
• Do not put hands, feet or other objects into the air vents or bottom of the refrigerator. You may be injured or receive an electrical shock.

To remove the left refrigerator door:

On the back of the refrigerator, pull the water tube out of the collet fitting on the connector by pressing the fitting release ring (see picture below).



⚠ **CAUTION:** Before you begin, remove food and bins from the doors.

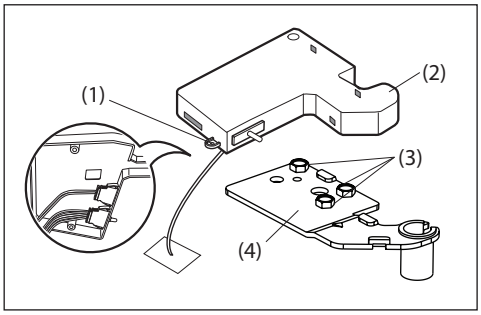


1. Open the door. Remove the top hinge cover screw (1). Lift up the cover (2).
2. Remove the cover.
3. Pull out the tube (3).
4. Disconnect all wire harnesses (4).
5. Remove the grounding screw (5).
6. Remove the three bolts (6) using a 10mm socket wrench. Lift off the top hinge (7).

⚠ **CAUTION:** When lifting the hinge, be careful that the door does not fall forward.

7. Lift the door from the middle hinge pin and remove the door.
8. Place the door, inside facing up, on a non-scratching surface.

To remove the right refrigerator door:



1. Open the door. Remove the top hinge cover screw (1). Lift up the cover (2).
2. Remove the cover.
3. Remove the three bolts (3) using a 10mm socket wrench. Lift off the top hinge (4)

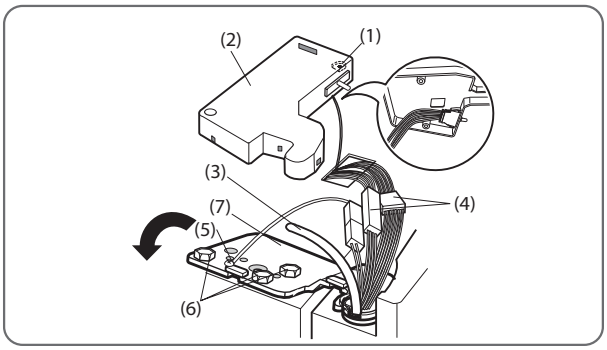
⚠ **CAUTION:** When lifting the hinge, be careful that the door does not fall forward.

4. Lift the door from the middle hinge pin and remove the door.
5. Place the door, inside facing up, on a non-scratching surface.

Reinstalling the Refrigerator Door

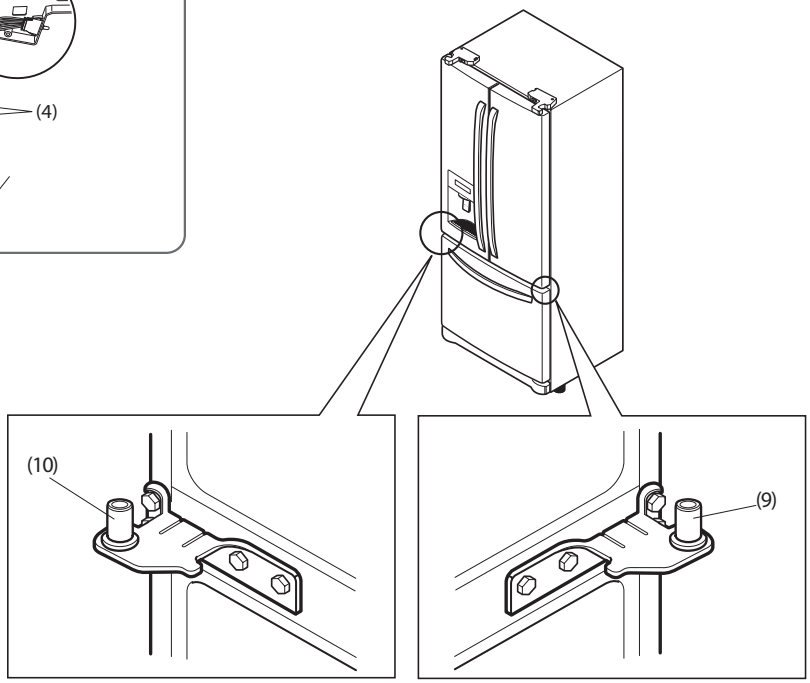
► **Left Door**

1. Lower the door onto middle hinge pin (10).
2. Line up the holes in the top hinge with the holes in the top of the refrigerator. Insert and tighten the three Bolts (6) in the hinge.
3. Install the grounding screw (5) and connect the two wire harnesses (4).
4. Push the water tube (3) located at the top of the left door into the hole beside the left hinge on the top of the cabinet until it exits through the back.
5. Insert the water supply tube (3) into the connector until you see only one scale mark. Fully insert the tube over 5/8 in. (15 mm).
6. Hook tabs on left side of hinge cover (1) under the edge of the top hinge (7) and position the cover in place. Insert and tighten the cover screw (1).

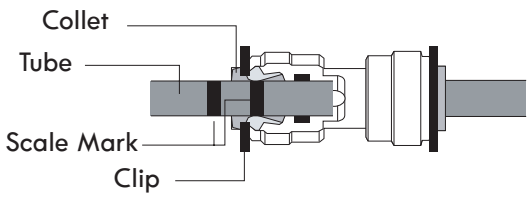


► **Right Door**

1. Lower the door onto middle hinge pin (9).
2. Line up the holes in the top hinge with the holes in the top of the refrigerator. Insert and tighten the three Bolts (6) in the hinge.
3. Hook the tabs on right side of hinge cover (2) under the edge of the top hinge (4) and position the cover in place. Insert and tighten the cover screw (1).



⚠ CAUTION



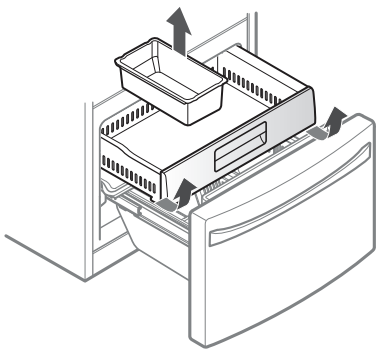
After inserting, pull the tube to make sure that it is secure and reinsert the clip.

HOW TO REMOVE THE FREEZER DRAWER

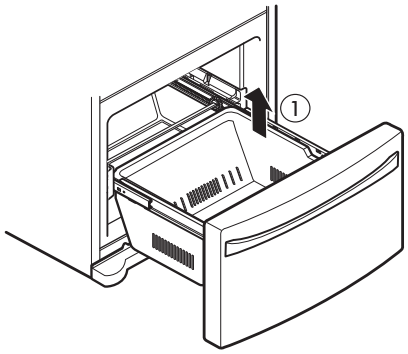
⚠ **WARNING:** Use two or more people to remove and install the freezer drawer. Failure to do so can result in back or other injury.

⚠ **CAUTION:** Do not hold the handle when removing or replacing the drawer. The handle may come off, causing personal injury.

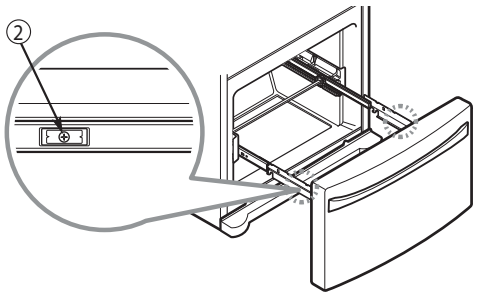
To remove, pull the drawer out to full extension. Lift the drawer up and out, making sure to clear the rail system.



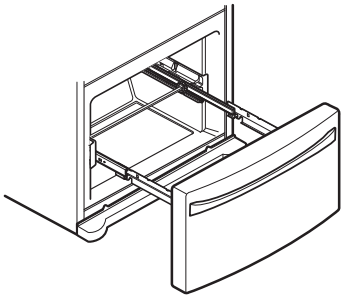
Pull the drawer open to full extension. Remove the lower basket (1) by lifting the basket from the rail system.



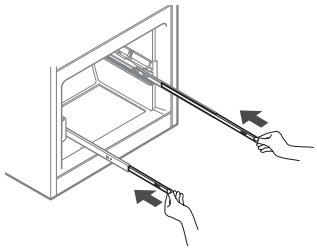
Remove the screws (2) of the rail on both sides.



Grasp the drawer on each side and pull it up to separate it from the rails.

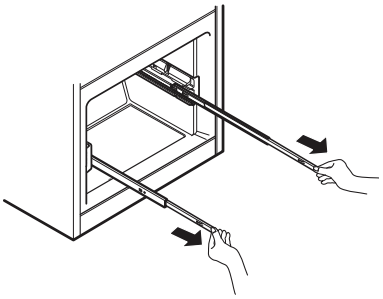


With both hands, hold the center bar and push it in to allow both rails to slide in simultaneously.

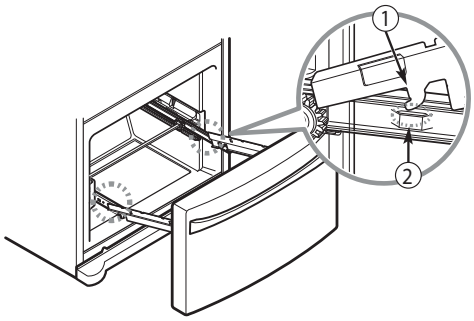


HOW TO REPLACE THE FREEZER DRAWER

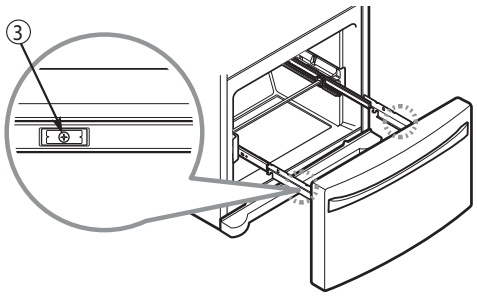
Pull out each rail to full extension.



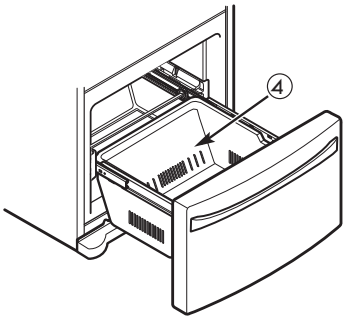
Grasp the drawer on each side and hook door supports (1) into the rail tabs (2) located on both sides.



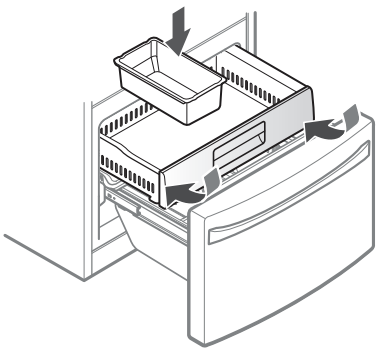
Lower the door into its final position and tighten the screws (3) located on both sides.



With the drawer pulled out to full extension, insert the lower basket (4) in the rail assembly.



To replace, with the drawer pulled out to full extension, insert the drawer in the rail assembly.



LEVELING AND DOOR ALIGNMENT

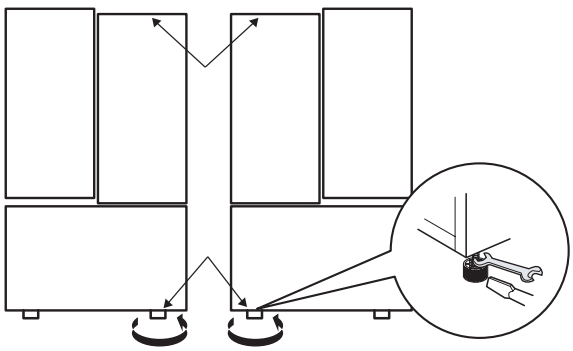
Leveling

After installing, plug the refrigerator's power cord into a 3-prong grounded outlet and push the refrigerator into the final position.

Your refrigerator has two front leveling legs—one on the right and one on the left. Adjust the legs to alter the tilt from front-to-back or side-to-side. If your refrigerator seems unsteady, or you want the doors to close more easily, adjust the refrigerator's tilt using the instructions below:

NOTE: Tools Required: 11/16 in (18 mm) wrench or flat blade screwdriver.

1. Turn the leveling leg to the left to raise that side of the refrigerator or to the right to lower it. It may take several turns of the leveling leg to adjust the tilt of the refrigerator.



NOTE: Having someone push backward against the top of the refrigerator takes some weight off of the leveling legs. This makes it easier to adjust the legs.

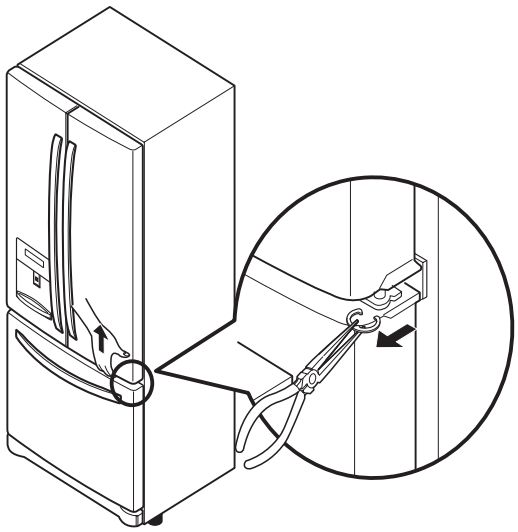
2. Open both doors again and check to make sure that they close easily. If the doors do not close easily, tilt the refrigerator slightly more to the rear by turning both leveling legs to the left. It may take several more turns, and you should turn both leveling legs the same amount.

NOTE: Your refrigerator is uniquely designed with two fresh food doors. Either door can be opened or closed independently of the other. You may have to exert slight pressure on the doors to get them to close completely.

Door Alignment

If the space between your doors is uneven, follow the instructions below to align the doors:

1. With one hand, lift up the door that you would like to raise at the middle hinge.
2. With your other hand, use pliers to insert snap ring as shown.
3. Insert additional snap rings until the doors are aligned. (Three snap rings are provided with the refrigerator in the Use & Care Guide packet.)

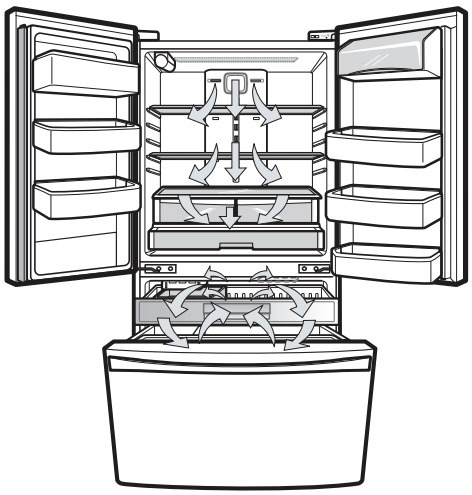


SETTING THE CONTROLS

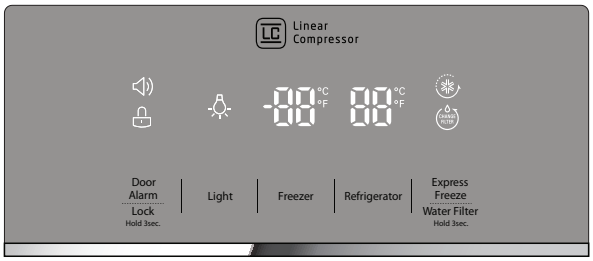
AIRFLOW

The refrigerator control functions as the thermostat for the entire appliance (refrigerator and freezer sections). The colder the setting, the longer the compressor will run to keep the temperature colder. The freezer control adjusts the cold air flow from the freezer to the refrigerator. Setting the freezer control to a lower temperature keeps more cold air in the freezer compartment to make it colder.

Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections. Be sure not to block vents while packing your refrigerator. Doing so will restrict airflow and may cause the refrigerator temperature to become too warm or cause interior moisture buildup. (See air flow diagram below.)



Temperature



•The Refrigerator Temp Control ranges from 33°F to 46°F (0°C to 8°C). Press the Refrigerator button to cycle through the available temperature settings one increment at a time.

•The Freezer Temp Control range is from -6°F to 8°F (-21°C to -13°C). Press the Freezer button to cycle through the available temperature settings one increment at a time.

NOTE: When changing control settings, wait 24 hours before making additional adjustments. The controls are set correctly when milk or juice is as cold as you would like and when ice cream is firm. If the temperature in either compartment is too cold or too warm, change the setting one increment at a time. Wait 24 hours for the change to stabilize before adjusting again.

Dispenser

Some dripping may occur after dispensing water. Hold your cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.

NOTE: The dispenser will not work if any door is left open or if the control lock is engaged.

Express Freeze

•When you press the Express Freeze button, the Express Freeze graphic will illuminate in the display and will continue for 24 hours. The function will automatically shut off after 24 hours.

•You can stop this function manually by touching the button one more time.

•This function increases both ice making and freezing capabilities.

Water Filter

When the water filter indicator turns on, you have to change the water filter. After changing the water filter, press and hold the Express Freeze (Filter Reset) button for three seconds to turn the indicator light off. You need to change the water filter approximately every six months.

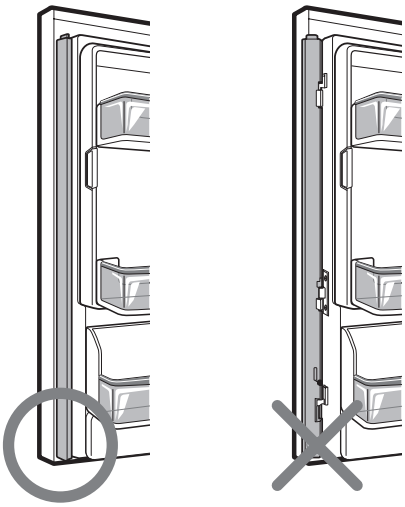
Light

Press the Light button to turn the light on and off. When dispensing water, a light underneath the water switch will illuminate.

Articulating Mullion

This feature is a metal strip attached to the left door that articulates (rotates) 90 degrees as the door is closed, forming a mullion (base) for the left and right door gaskets to seal against.

Caution When Closing the Door



⚠ CAUTION

To reduce the risk of scratching the door or breaking the door mullion, please make sure that the refrigerator door mullion is always folded in.

Door Alarm

•When power is connected to the refrigerator, the door alarm is initially set to ON. When you press the Door Alarm button, the display will change to OFF and the Door Alarm function will deactivate.

•When either the refrigerator or the freezer door is left open for more than 60 seconds, the alarm tone will sound to let you know that the door is open.

•When you close the door, the door alarm will stop.

Lock

•When power is initially connected to the refrigerator, the Lock function is off.

•If you want to activate the Lock function to lock other buttons, press and hold the Door Alarm button for three seconds or more. The Lock icon will display and the Lock function is now enabled.

•When the Lock function is activated, no other buttons will work. The dispenser pad is also deactivated.

•To disable the Lock function, press and hold the Door Alarm button for approximately three seconds.

Display Mode (For Store Use Only)

The Display Mode disables all cooling in the refrigerator and freezer sections to conserve energy while on display in a retail store. When activated, OFF will display on the control panel.

To deactivate:

With either refrigerator door opened, press and hold the Refrigerator and Express Freeze buttons at the same time for five seconds. The control panel will beep and the temperature settings will display to confirm that Display Mode is deactivated. Use the same procedure to activate the Display Mode.

AUTOMATIC ICEMAKER

The icemaker will produce approximately 70-210 cubes in a 24-hour period, depending on freezer compartment temperature, room temperature, number of door openings and other operating conditions.

- It takes about 12 to 24 hours for a newly installed refrigerator to begin making ice. Wait 72 hours for full ice production to occur.
- Ice making stops when the in-door ice bin is full. When full, the in-door ice bin holds approximately 6-8 (12-16 oz) glasses of ice.
- To turn off the automatic icemaker, set the icemaker switch to **OFF (O).** To turn on the automatic icemaker, set the switch to **ON (I).**
- The water pressure must be between 20 and 120 psi on models without a water filter and between 40 and 120 psi on models with a water filter to produce the normal amount and size of ice cubes.
- Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure the sensor area is clean at all times for proper operation.

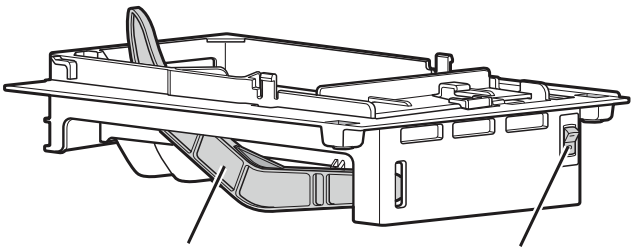
⚠ CAUTION

- **The first ice produced after installation may include** particles or odor from the water supply line or the water tank. Throw away the first few batches of ice (about 24 cubes). This is also necessary if the refrigerator has not been used for a long time.
- If discolored ice is produced, check the water supply. If the problem continues, contact a Sears or other qualified service center. Do not use the ice or water until the problem is corrected.
- Be sure nothing interferes with the sweep of the Automatic Shut Off Arm.
- When the bin fills to the level of the Automatic Shut Off Arm, the icemaker will stop producing ice.
- It is normal for some cubes to be stuck together.
- If ice is not used frequently, old ice cubes will become cloudy, taste stale, and shrink.
- Never store beverage cans or other items in the ice bin for the purpose of rapid cooling. Doing so may damage the icemaker or the containers may burst.
- Never use thin crystal glass or crockery to collect ice. Such containers may chip or break resulting in glass fragments in the ice.

⚠ WARNING

Personal Injury Hazard

DO NOT place fingers or hands on the automatic ice making mechanism while the refrigerator is plugged in.



WHEN YOU SHOULD SET THE ICEMAKER POWER SWITCH TO OFF (O)

- When the water supply will be shut off for several hours.
- When the ice bin is removed for more than one or two minutes.
- When the refrigerator will not be used for several days.

NOTE: The ice bin should be emptied when the icemaker ON/OFF switch is turned to the **OFF** position.

NORMAL SOUNDS YOU MAY HEAR

- The icemaker water valve will buzz as the icemaker fills with water. If the power switch is in the **ON (I)** position, it will buzz even if it has not yet been hooked up to water. To stop the buzzing, move the power switch to **OFF (O).**

  NOTE: Keeping the power switch in the **ON (I)** position before the water line is connected can damage the icemaker.
- You will hear the sound of cubes dropping into the bin and water running in the pipes as the icemaker refills

PREPARING FOR VACATION

Set the icemaker power switch to **OFF (O)** and shut off the water supply to the refrigerator.

NOTE: The ice bin should be emptied anytime the icemaker ON/OFF switch is turned to the **OFF (O)** position.

If the ambient temperature will drop below freezing, have a qualified technician drain the water supply system to prevent serious property damage due to flooding caused by ruptured water lines or connections.

FOOD STORAGE GUIDE

Wrap or store food in the refrigerator in airtight and moisture-proof material unless otherwise noted. This prevents food odor and taste transfer throughout the refrigerator. For dated products, check date code to ensure freshness.

Items	How to
Butter or margarine	► Keep opened butter in a covered dish or closed compartment. When storing an extra supply, wrap in freezer packaging and freeze.
Cheese	► Store in the original wrapping until you are ready to use it. Once opened, rewrap tightly in plastic wrap or aluminum foil.
Milk	► Wipe milk cartons. For best storage, place milk on interior shelf.
Eggs	► Store in original carton on interior shelf, not on door shelf.
Fruit	► Do not wash or hull the fruit until it is ready to be used. Sort and keep fruit in its original container, in a crisper, or store in a completely closed paper bag on a refrigerator shelf.
Leafy vegetables	► Remove store wrapping and trim or tear off bruised and discolored areas. Wash in cold water and drain. Place in plastic bag or plastic container and store in crisper.
Vegetables with skins (carrots, peppers)	► Place in plastic bags or plastic container and store in crisper.
Fish	► Store fresh fish and shellfish in the freezer section if they are not being consumed the same day of purchase. It is recommended to consume fresh fish and shellfish the same day purchased.
Leftovers	► Cover leftovers with plastic wrap, aluminum foil, or plastic containers with tight lids.

STORING FROZEN FOOD

NOTE: Check a freezer guide or a reliable cookbook for further information about preparing food for freezing or food storage times.

Freezing

Your freezer will not quick-freeze a large quantity of food. Do not put more unfrozen food into the freezer than will freeze within 24 hours, no more than 2 to 3 lbs. of food per cubic foot (1 to 1,5 kg of food per each 30 liters) of freezer space. Leave enough space in the freezer for air to circulate around packages. Be careful to leave enough room at the front so the door can close tightly.

Storage times will vary according to the quality and type of food, the type of packaging or wrap used (how airtight and moisture-proof) and the storage temperature. Ice crystals inside a sealed package are normal. This simply means that moisture in the food and air inside the package have condensed, creating ice crystals.

NOTE: Allow hot foods to cool at room temperature for 30 minutes, then package and freeze. Cooling hot foods before freezing saves energy.

Packaging

Successful freezing depends on correct packaging. When you close and seal the package, it must not allow air or moisture in or out. If it does, you could have food odor and taste transfer throughout the refrigerator and could also dry out frozen food.

Packaging recommendations:

•Rigid plastic containers with tight-fitting lids
•Straight-sided canning/freezing jars
•Heavy-duty aluminum foil
•Plastic-coated paper
•Non-permeable plastic wraps
•Specified freezer-grade self-sealing plastic bags

Follow package or container instructions for proper freezing methods.

Do not use

•Bread wrappers
•Non-polyethylene plastic containers
•Containers without tight lids
•Wax paper or wax-coated freezer wrap
•Thin, semi-permeable wrap

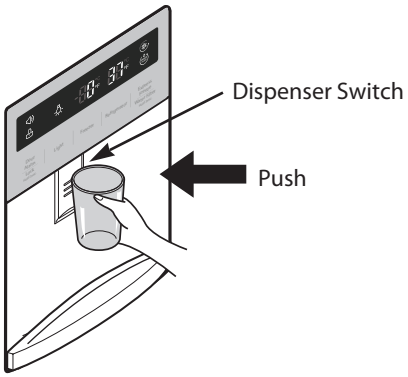
⚠ **CAUTION:** Do not keep beverage cans or plastic food containers in the freezer compartment. They may break or burst if they freeze.

⚠ **WARNING:** DO NOT STORE ELECTRCAL APPLIANCES, do not use electrical appliances inside the food storage compartment, unless they are recommended by the manufacturer.

REFRIGERATOR SECTION

WATER DISPENSER

To dispense cold water, push on the dispenser switch with a glass.

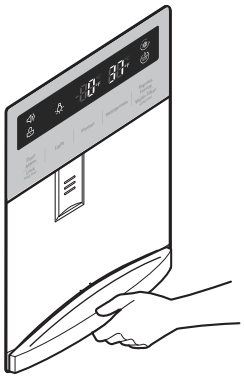


Some dripping may occur after dispensing. Hold your cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.

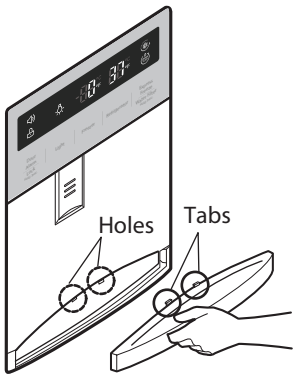
WATER TRAY

To remove the tray, press down on either of the front corners and pull out.

NOTE: There is no drain beneath the tray. You may need to empty the tray of any liquid that collects in it.



To replace the tray, slightly tilt up the front of the tray and snap the tabs into the holes.



REFRIGERATOR SHELVES

The shelves in your refrigerator are adjustable to meet your individual storage needs. Your model may have full or split shelves.

Adjusting the shelves to fit different heights of items will make fi nding the exact item you want easier. Doing so will also reduce the amount of time the refrigerator door is open which will save energy.

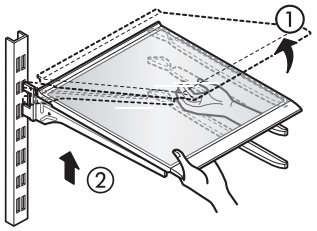
IMPORTANT: Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

NOTE: Glass shelves are heavy. Use special care when removing them.

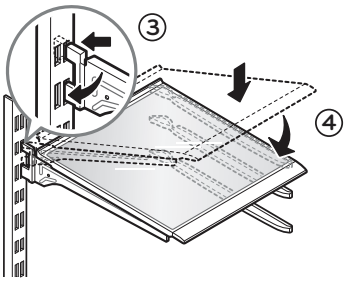
Adjusting Shelves (Split Shelf)

Remove shelves from the shipping position and replace shelves in the position you want.

To remove a shelf —Tilt up the front of the shelf ① and lift it ②. Pull the shelf out.



To reinstall a shelf —Tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height ③. Then, lower the front of the shelf so that the hooks drop into the slots ④.



⚠ CAUTION:

- Make sure that shelves are level from one side to the other.
- Make sure that the shelf stopper is completely inserted between the wall ribs.
- Make sure that hooks are inserted in the correct position. (Left shelf to left hole, right shelf to right hole only.)

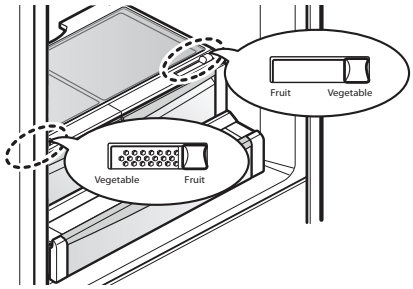
  Failure to do so may result in the shelf falling or spilling food.

HUMIDITY CONTROLLED CRISPER

The crispers provide fresher tasting fruit and vegetables by letting you easily control humidity inside the drawer.

You can control the amount of humidity in the moisturesealed crispers by adjusting the control to any setting between **VEGETABLE** and **FRUIT**.

- **VEGETABLE** keeps moist air in the crisper for best storage of fresh, leafy vegetables.
- **FRUIT** lets moist air out of the crisper for best storage of fruit.

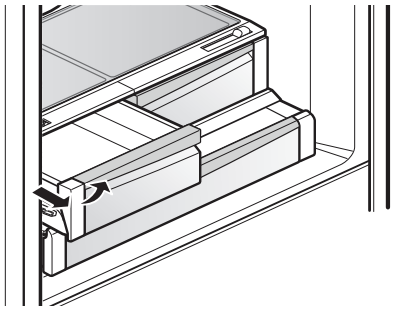


REMOVING THE HUMIDITY CONTROLLED CRISPER

1. To remove, pull the drawer out to full extension.

2. Lift the front of the crisper up, then pull it straight out.

3. To install, slightly tilt up the front, insert the drawer into the frame and push it back into place.

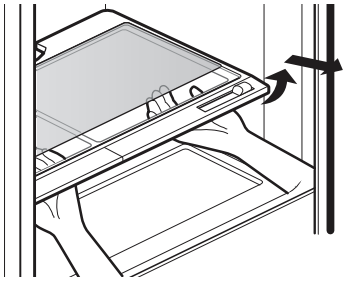


To remove the glass

1. Lift up the glass under the crisper cover.

2. Pull the glass up and out.

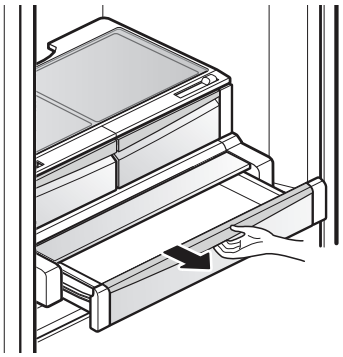
NOTE: Pantry drawer not shown for clarity.



PANTRY DRAWER

This drawer can be used for large party trays, deli items and beverages. (Do not use this drawer for vegetables or items that require high humidity.)

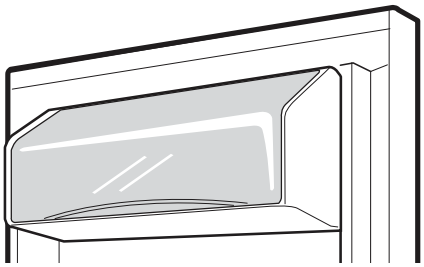
Pull forward to open. Lift slightly and pull out to remove.



DAIRY BIN

1. To remove the dairy bin, simply lift it and pull straight out.

2. To replace the dairy bin, slide it above the desired location and push down until it stops.



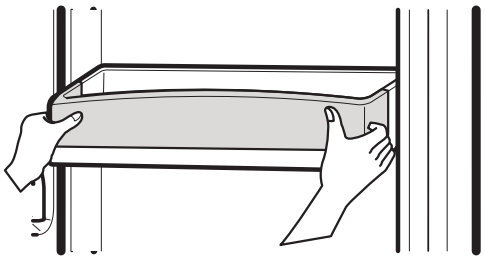
DOOR BINS

The door bins are removable for easy cleaning and adjustment.

1. To remove the bin, simply lift the bin up and pull straight out.

2. To replace the bin, slide it in above the desired support and push down until it snaps into place.

NOTE: Some bins may vary in appearance and will only fi t in one location.



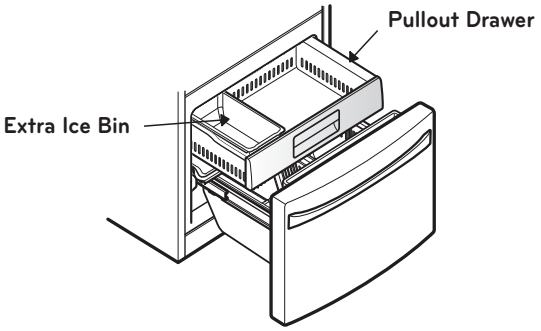
FREEZER SECTION

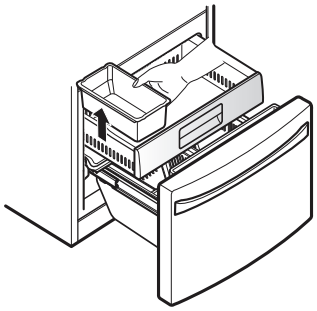
ICE BIN

1. Pull the Freezer Drawer and the Pullout Drawer out as far as possible to remove the Extra Ice Bin.

2. Gently lift and pull out the ice bin.

3. To replace, pull both drawers out as far as possible, and set the bin in its correct position in the Pullout Drawer. Close the Pullout Drawer and then the Freezer Drawer.



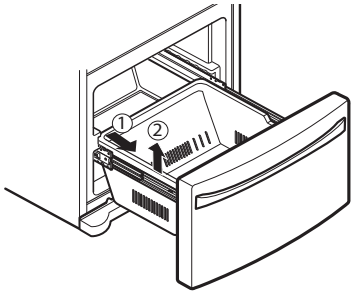


⚠ **CAUTION:** Pinch hazard! Keep hands and feet clear of the bottom of the freezer drawer when opening and closing.

DURABASE REMOVAL AND REPLACEMENT

1. To remove the Durabase, open the drawer to full extension①. Push the Durabse to the back as much as possible, tilt the front of the Durabase up, and then lift it up and out②.

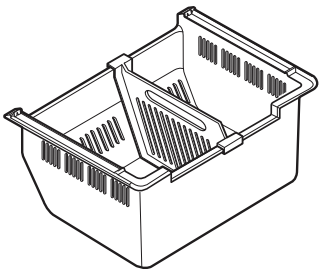
2. To replace, tilt the back of the Durabase into the drawer, then lower it down and into the rail assembly.



NOTE: Assemble the Durabase before assembling the pullout drawer. The pullout drawer needs clearance in order to properly seat its rollers. If the items are assembled improperly, the freezer door may not close.

DURABASE DIVIDER

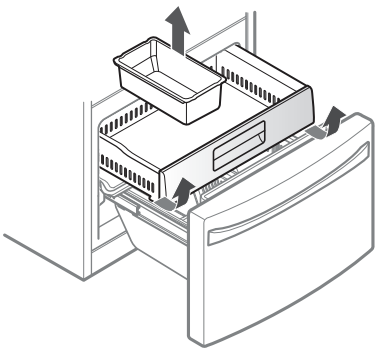
The Durabase divider allows you to organize the Durabase area into sections. It can be adjusted from side to side to accommodate items of diff erent sizes.



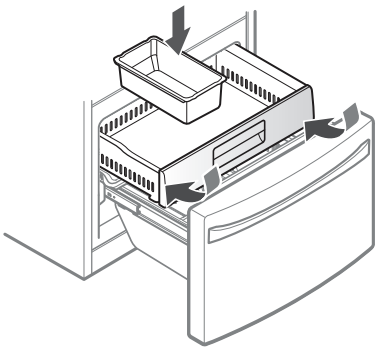
WARNING: If the Durabase divider is removed, there is enough open space for children or pets to crawl inside. To prevent accidental child and pet entrapment or suff ocation risk, DO NOT allow children or pets to touch or go near the drawer.

PULLOUT DRAWER

1. To remove, pull the drawer out to full extension. Lift the drawer up and out, making sure to clear the rail system.



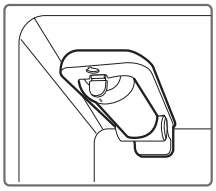
2. To replace, with the drawer pulled out to full extension, insert the drawer in the rail assembly.



WATER FILTER

It is recommended that you replace the water filter:

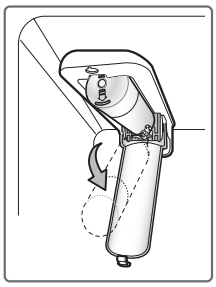
•Approximately every 6 months.
•When the water filter indicator turns on.
•When the water dispenser output decreases.
•When the ice cubes are smaller than normal.



1. Remove the old water filter.

•Lower or remove the top left shelf to allow the water filter to rotate all the way down.
•Press the push button to open the water filter cover.

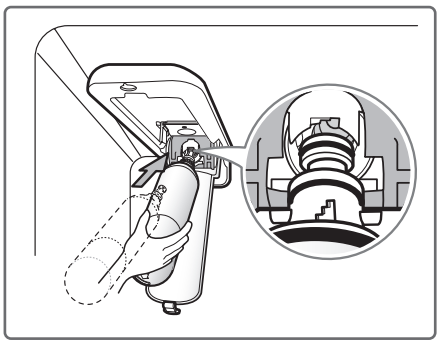
NOTE: Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain. Before pushing the button to open the water filter cover, place a cup under the front end of the cover to collect any leaking water. Hold the water filter upright, once itis removed, to prevent any remaining water from spilling out of the water filter.



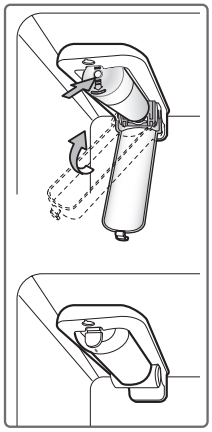
•Pull the water filter downward and pull out. Make sure to rotate the filter down completely before pulling it out of the manifold hole.

2. Replace with a new water filter.

•Take the new water filter out of its packaging and remove the protective cover from the o-rings. With water filter tabs in the horizontal position, push the new water filter into the manifold hole until it stops.



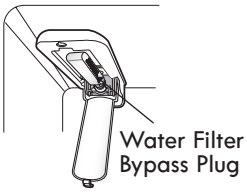
•Rotate the water filter up into position and close the cover. The cover will click when closed correctly.



3. After the water filter is replaced, dispense 2.5 gallons (9 liters) of water (flush for approximately 5 minutes) to remove trapped air and contaminates from the system. Do not dispense the entire 2.5 gallon (9 liters) amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

4. Water Filter Bypass Plug

Keep the water filter bypass plug. You MUST use the water filter bypass plug when a replacement water filter cartridge is not available.



⚠**CAUTION:** DO NOT operate refrigerator without water filter or water filter plug installed.

NOTE: To purchase replacement water filter cartridges, visit your local appliance dealer or parts distributor. You can also call **USA 1-800-243-0000 CANADA 1-888-542-2623** (24 hours per day/ 7 days per week).
The replacement water filter cartridge's part number is **ADQ36006101.**

Performance Data Sheet

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and Standard 53.

System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Contaminant Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.1 mg/L	2.0 mg/L ± 10%	97.2%	0.06 mg/L	N/A	≥ 50%	J-00049247
Nominal Particulate Class I, , ≥0.5 to < 1.0 µm	5,600,000 pts/mL	At least 10,000 particles/mL	98.7%	73,000 pts/ml	N/A	≥85%	J-00049282
Asbestos	190 MFL	107 to 108 MFL; fibers greater than 10 µm in length	>99%	< 1 MFL	N/A	≥99%	J-0004928
Atrazine	0.0094 mg/L	0.009 mg/L ± 10%	94.7%	0.00005 mg/L	0.003 mg/L	N/A	J-00049293
Benzene	0.016 mg/L	0.015 mg/L ± 10%	96.7%	0.005 mg/L	0.005 mg/L	N/A	J-00049300
Carbofuran	0.08 mg/L	0.08 mg/L ± 10%	98.1%	0.002 mg/L	0.04 mg/L	N/A	J-00049294
Lindane	0.002 mg/L	0.002 mg/L ± 10%	98.2%	0.00004 mg/L	0.0002 mg/L	N/A	J-00051975
P-Dichlorobenzene	0.22 mg/L	0.225 mg/L ± 10%	99.8%	0.0005 mg/L	0.075 mg/L	N/A	J-00049298
Toxaphene	0.014 mg/L	0.015 mg/L ± 10%	93%	0.001 mg/L	0.003 mg/L	N/A	J-00049302
2,4-D	0.213 mg/L	0.210 mg/L ± 10%	95.2%	0.009 mg/L	0.07 mg/L	N/A	J-00049284
Lead pH @6.5	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00051974
Lead pH @8.5	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00049277
Mercury @ pH 6.5	0.0059 mg/L	0.006 mg/L ± 10%	96.1	0.0002 mg/L	0.002 mg/L	N/A	J-00053886
Mercury @ pH 8.5	0.0058 mg/L	0.006 mg/L ± 10%	90.1	0.0006 mg/L	0.002 mg/L	N/A	J-00051972
Cyst*	120,000 cysts/L	Minimum 50,000 cysts/L	99.99%	<1 cyst/L	N/A	≥99.95%	J-00049281

* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/Water Supply Parameters	
Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Potable Water
Water Pressure	40-120 psi (0,28 - 0,83 MPa)
Water Temperature	33°F - 100°F (0.6°C - 38°C)

It is essential that the manufacturer's recommended installation, maintenance and water filter replacement requirements be carried out for the product to perform as advertised.

NOTE: While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge: **ADQ36006101**
For estimated costs of replacement elements please call USA **1-800-243-0000** CANADA **1-888-542-2623** (24 hours per day/7 days per week) or visit our website at www.lg.com

3M is a trademark of 3M Company.
NSF is a trademark of NSF International.
© 2009 3M Company. All rights reserved.

⚠ WARNING

To reduce the risk associated with ingestion of contaminants: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after of the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 10350-MN-005

⚠ CAUTION

To reduce the risk associated with property damage due to water leakage:

- Read and follow the Water Filter instructions before installation and use of this system.
- Installation and use MUST comply with all state and local plumbing codes.
- Do not install if water pressure exceeds 120 psi (0,83 MPa). Contact a plumbing professional if you are uncertain of how to check your water pressure.
- Do not install where water hammer conditions may occur. If water hammer conditions exist, you must install a water hammer arrester. Contact a plumbing professional if you are uncertain of how to check for this condition.
- Do not install on hot water supply lines. The maximum operating water temperature of this water filter system is 100°F (38°C).
- Protect water filter from freezing. Do not operate refrigerator in ambient conditions below 55°F (12.7°C). Drain water filter when storing unit in temperatures below 40°F (4.4°C).
- The disposable water filter must be replaced every six months, at the rated capacity, or if a noticeable reduction in flow rate occurs.

State of California
Department of Public Health

Water Treatment Device
Certificate Number
09 - 2018

Date Issued: December 15, 2009

Trademark/Model Designation
ADQ36006101-S

Replacement Elements
ADQ36006101

Manufacturer: Cuno Inc.

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity
- Cysts

Inorganic/Radiological Contaminants
- Asbestos
- Lead
- Mercury

Organic Contaminants
- 2,4-D Reduction
- Atrazine
- Benzene
- Carbofuran
- Lindane
- p-Dichlorobenzene
- Toxaphene

Rated Service Capacity: 200 gal

Rated Service Flow: 0.5 gpm

Conditions of Certification:

⚠ WARNING

Explosion Hazard

Use non-flammable cleaner. Failure to do so can result in fire, explosion, or death.

Both the refrigerator and freezer sections defrost automatically; however, clean both sections about once a month to prevent odors. Wipe up spills immediately.

GENERAL CLEANING TIPS

- Unplug refrigerator or disconnect power.
- Remove all removable parts, such as shelves, crispers, etc. Refer to sections in Using Your Refrigerator for removal instructions.
- Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners.
- Hand wash, rinse and dry all surfaces thoroughly.
- Plug in refrigerator or reconnect power.

EXTERIOR

Waxing external painted metal surfaces helps provide rust protection. Do not wax plastic parts. Wax painted metal surfaces at least twice a year using appliance wax (or auto paste wax). Apply wax with a clean, soft cloth.

For products with a stainless steel exterior, use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners. Dry thoroughly with a soft cloth.

INSIDE WALLS (allow freezer to warm up so the cloth will not stick)

To help remove odors, you can wash the inside of the refrigerator with a mixture of baking soda and warm water. Mix 2 tablespoons of baking soda to 1 quart of water (26 g soda to 1 liter water.) Be sure the baking soda is completely dissolved so it does not scratch the surfaces of the refrigerator.

⚠ **CAUTION**: While cleaning the inside, do not spray water.

DOOR LINERS AND GASKETS

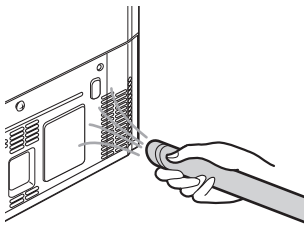
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

PLASTIC PARTS (Covers and Panels)

Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use window sprays, abrasive cleansers, or flammable fluids. These can scratch or damage the material.

CONDENSER COILS

Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.



REPLACING REFRIGERATOR AND FREEZER LIGHTS

NOTE: All refrigerators use LED lighting in refrigerator and freezer, for this reason must be replaced by a qualified service technician.

⚠ WARNING

ELECTRICAL SHOCK HAZARD

Before replacing a burned-out light bulb, either unplug the refrigerator or turn off power at the circuit breaker or fuse box.

NOTE: Moving the control to the OFF position does not remove power to the light circuit.

POWER INTERRUPTIONS

1. If the power will be out for 24 hours or less, keep all refrigerator doors closed to help foods stay cold and frozen.

2. If the power will be out for more than 24 hours, remove all frozen food and store it in a frozen food locker.

WHEN YOU GO ON VACATION

If you choose to leave the refrigerator on while you are away, follow these steps to prepare your refrigerator before you leave.

1. Use up any perishables and freeze other items.

2. Turn off the icemaker and empty the ice bin.

If you choose to turn the refrigerator off before you leave, follow these steps.

1. Remove all food from the refrigerator.

2. Depending on your model, set the thermostat control (refrigerator control) to OFF. See the Setting the Controls section.

3. Clean the refrigerator, wipe it and dry well.

4. Tape rubber or wood blocks to the tops of both doors to prop them open far enough for air to get in. This stops odor and mold from building up.

WHEN YOU MOVE

When you are moving your refrigerator to a new home, follow these steps to prepare it for the move.

1. Remove all food from the refrigerator and pack all frozen food in dry ice.

2. Unplug the refrigerator.

3. Clean, wipe and dry thoroughly.

4. Take out all removable parts, wrap them well and tape them together so they do not shift and rattle during the move. Refer to the Using your Refrigerator section for removable instructions.

5. Depending on the model, raise the front of the refrigerator so it rolls easier OR screw in the leveling legs all the way so they do not scrape the floor. See the Door Closing section.

6. Tape the doors shut and tape the power cord to the refrigerator cabinet.

When you get to your new home, put everything back and refer to the Refrigerator Installation section for preparation instructions.

CONNECTING THE WATER LINE

BEFORE YOU BEGIN

This water line installation is not covered by the refrigerator warranty. Follow these instructions carefully to minimize therisk of expensive water damage.

Water hammer (water banging in the pipes) in house plumbing can cause damage to refrigerator parts and can lead to water leakage or fl ooding. Call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator.

To prevent burns and product damage, only connect the refrigerator water line to a cold water supply.

If you use your refrigerator before connecting the water line, make sure the icemaker power switch is in the OFF (O) position.

Do not install the icemaker tubing in areas where temperatures fall below freezing.

WATER PRESSURE

A cold water supply. The water pressure must be between 20 and 120 psi on models without a water fi lter and between 40 and 120 psi on models with a water filter.

If a reverse osmosis water fi ltration system is connected to your cold water supply, this water line installation is not covered by the refrigerator warranty. Follow the following instructions carefully to minimize the risk of expensive water damage.

If a reverse osmosis water fi ltration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (2.8 kgf/cm2 ~ 4.2 kgf/cm2, less than 2.0~3.0 sec. to fill a cup of 7 oz capacity).

If the water pressure from the reverse osmosis system is less than 21 psi or 1.5 kgf/cm2 (takes more than 4.0 sec to fill a cup of 7 oz capacity):

• Check to see if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.

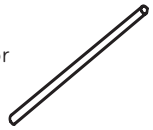
• Allow the storage tank on the reverse osmosis system to refi ll after heavy usage.

• If the issue concerning water pressure from reverse osmosis remains, call a licensed, qualifi ed plumber.

• All installations must be in accordance with local plumbing code requirements.

CAUTION: Wear eye protection during installation to prevent injury.

WHAT YOU WILL NEED



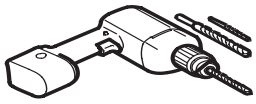
• Copper Tubing, ¼ in. outer diameter, to connect the refrigerator to the water supply. Be sure both ends of the tubing are cut square.

• To determine how much tubing you need: measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Then, add 8 feet (2.4 m). Be sure there is suffi cient extra tubing (about 8 feet [2.4 m] coiled into 3 turns of about 10 in.[25 cm] diameter) to allow the refrigerator to move out from the wall after installation.

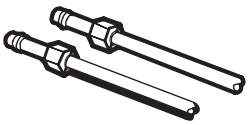
• Power drill.

• ½ in. or adjustable wrench.

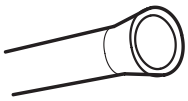
• Flat blade and Phillips head screwdrivers.



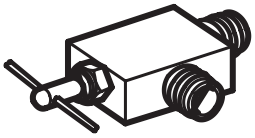
• Two ¼ in. outer diameter compression nuts and 2 ferrules (sleeves) to connect the copper tubing to the shutoff valve and the refrigerator water valve.



• If your existing copper water line has a fl ared fi tting at the end, you will need an adapter (available at plumbing supply stores) to connect the water line to the refrigerator OR you can cut off the fl ared fi tting with a tube cutter and then use a compression fitting.



• Shutoff valve to connect to the cold water line. The shutoff valve should have a water inlet with a minimum inside diameter of 5/32 in. at the point of connection to the COLD WATER LINE. Saddle-type shutoff valves are included in many water supply kits. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.



NOTE: A Self Piercing Saddle Type Water Valve should not be used

⚠WARNING

Electrical Shock Hazard

When using any electrical device (such as a power drill) during installation, be sure the device is battery powered, double insulated or grounded in a manner that will prevent the hazard of electric shock.

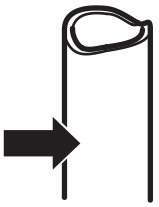
CONNECTING THE WATER LINE

INSTALLATION INSTRUCTIONS

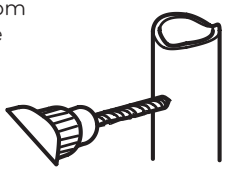
Install the shutoff valve on the nearest frequently used drinking water line.

1. SHUT OFF THE MAIN WATER SUPPLY
Turn on the nearest faucet to relieve the pressure on the line.

2. CHOOSE THE VALVE LOCATION
Choose a location for the valve that is easily accessible. It is best to connect into the side of a vertical water pipe. When it is necessary to connect into a horizontal water pipe, make the connection to the top or side, rather than at the bottom, to avoid drawing off any sediment from the water pipe.

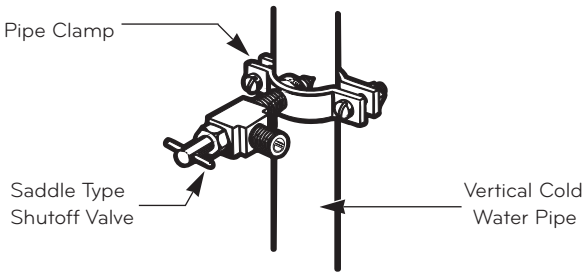


3. DRILL THE HOLE FOR THE VALVE
Drill a ¼ in. hole in the water pipe using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe. Be careful not to allow water to drain into the drill. Failure to drill a ¼ in. hole may result in reduced ice production or smaller cubes.



NOTE: The hookup line cannot be white, plastic tubing. Licensed plumbers must use only copper tubing (NDA tubing #49595 or #49599) or Cross Link Polyethylene (PEX) tubing.

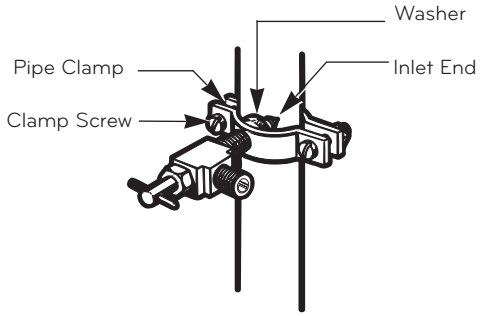
4. FASTEN THE SHUTOFF VALVE
Fasten the shutoff valve to the cold water pipe with the pipe clamp.



NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and their use is not permitted in Massachusetts. Consult with your licensed plumber.

5. TIGHTEN THE PIPE CLAMP
Tighten the clamp screws until the sealing washer begins to swell.

NOTE: Do not overtighten the clamp or you may crush the tubing.

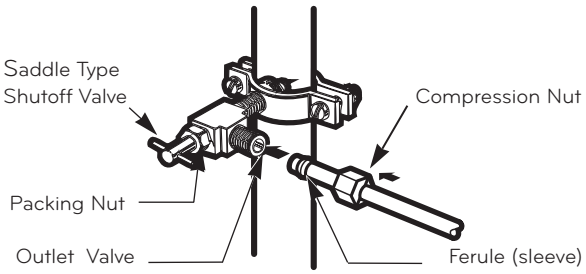


6. ROUTE THE TUBING
Route the tubing between the cold water line and the refrigerator.

Route the tubing through a hole drilled in the wall or floor (behind the refrigerator or adjacent base cabinet) as close to the wall as possible.

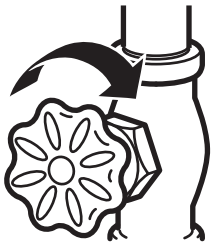
NOTE: Be sure there is sufficient extra tubing (about 8 feet coiled into 3 turns of about 10 in. diameter) to allow the refrigerator to move out from the wall after installation.

7. CONNECT THE TUBING TO THE VALVE
Place the compression nut and ferrule (sleeve) for the copper tubing onto the end of the tubing and connect it to the shutoff valve. Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.



NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and their use is not permitted in Massachusetts. Consult with your licensed plumber.

8. FLUSH OUT THE TUBING



Turn the main water supply on and flush out the tubing until the water is clear.

Shut the water off at the water valve after about one quart of water has been fl ushed through the tubing.

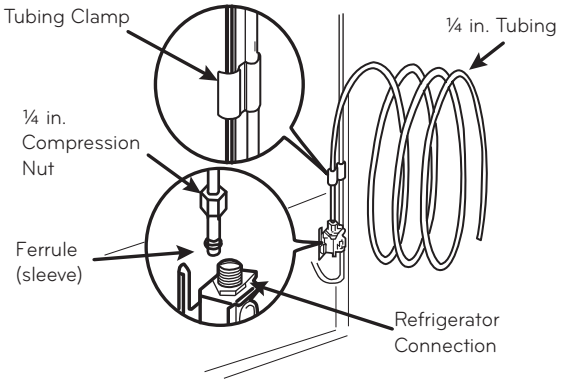
9. CONNECT THE TUBING TO THE REFRIGERATOR

NOTE: Before making the connection to the refrigerator, be sure that the refrigerator power cord is not plugged into the wall outlet.

a. Remove the plastic fl exible cap from the water valve.

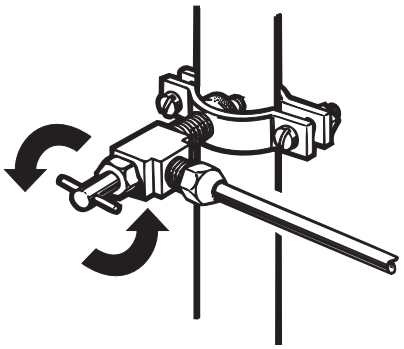
b. Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown.

c. Insert the end of the copper tubing into the connection as far as possible. While holding the tubing, tighten the fitting.



10. TURN THE WATER ON AT THE SHUTOFF VALVE

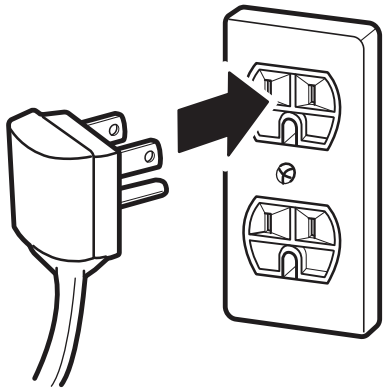
Tighten any connections that leak.



⚠ **CAUTION:** Check to see if leaks occur at the water line connections.

11. PLUG IN THE REFRIGERATOR

Arrange the coil of tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.



12. START THE ICEMAKER

Set the icemaker power switch to the **ON** position. The icemaker will not begin to operate until it reaches its operating temperature of 15°F (–9°C) or below. It will then begin operation automatically if the icemaker power switch is in the **ON (I)** position.

TROUBLESHOOTING GUIDE

Before conducting troubleshooting, make sure that the following basic requirements are met:

Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Potable Water
Water Pressure	40-120 psi (0,28 - 0,83 MPa)
Operating Ambient Temperature Limits	55°F - 110°F (13°C - 43°C)
Electrical Ratings	115 or 127 Volts, AC and fused at 15 A or 10 A to 220 Volts.

COOLING

Problem	Possible Causes	Solutions
Refrigerator and Freezer section are not cooling.	The refrigerator control is set to OFF (some models).	Turn the control ON. Refer to the Setting the Controls section for proper temperature settings.
	Refrigerator is set to Display Mode.	Display Mode allows the lights and control display to work normally while disabling cooling to save energy while on the showroom floor. Refer to the Setting the Controls section for instructions on how to disable Display Mode.
	Refrigerator is in the defrost cycle.	During the defrost cycle, the temperature of each compartment may raise slightly. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.
	Refrigerator was recently installed.	It may take up to 24 hours for each compartment to reach the desired temperature.
	Refrigerator was recently relocated.	If the refrigerator was stored for a long period of time or moved on its side, it is necessary for the refrigerator to stand upright for 24 hours before connecting it to power.
Cooling System runs too much.	Refrigerator is replacing an older model.	Modern refrigerators require more operating time but use less energy due to more efficient technology.
	Refrigerator was recently plugged in or power restored.	The refrigerator will take up to 24 hours to cool completely.
	Door opened often or a large amount of food / hot food was added.	Adding food and opening the door warms the refrigerator, requiring the compressor to run longer in order to cool the refrigerator back down. In order to conserve energy, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find, and close the door as soon as the food is removed. (Refer to the Food Storage Guide.)
	Doors are not closed completely.	Firmly push the doors shut. If they will not shut all the way, see the Doors will not close completely or pop open section in Parts & Features Troubleshooting.

COOLING

Problem	Possible Causes	Solutions
	Refrigerator is installed in a hot location.	The compressor will run longer under warm conditions. At normal room temperatures 70°F (21°C) expect your compressor to run about 40% to 80% of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 110°F (43°C).
	Condenser / back cover is clogged.	Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.
Refrigerator or Freezer section is too warm.	Refrigerator was recently installed.	It may take up to 24 hours for each compartment to reach the desired temperature.
	The air vents are blocked. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections..	Rearrange items to allow air to flow throughout the compartment. Refer to the Airflow diagram in the Using Your Refrigerator section.
	Doors are opened often or for long periods of time.	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Unit is installed in a hot location.	The refrigerator should not be operated in temperatures above 110F(43°C).
	A large amount of food or hot food was added to either compartment.	Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
	Doors not closed correctly.	See the Doors will not close correctly or pop open section in Parts & Features Troubleshooting.
	Temperature control is not set correctly.	If the temperature is too warm, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Setting the Controls section for more information.
	Defrost cycle has recently completed.	During the defrost cycle, the temperature of each compartment may raise slightly and condensation may form on the back wall. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.

COOLING/ ICE & WATER

Problem	Possible Causes	Solutions
Interior moisture buildup.	Doors are opened often or for long periods of time.	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Doors not closed correctly.	See the Doors will not close correctly section in the Troubleshooting section.
	Weather is humid.	Humid weather allows additional moisture to enter the compartments when the doors are opened leading to condensation or frost. Maintaining a reasonable level of humidity in the home will help to control the amount of moisture that can enter the compartments.
	Defrost cycle recently completed.	During the defrost cycle, the temperature of each compartment may raise slightly and condensation may form on the back wall. Wait 30 minutes and confirm that the proper temperature has been restored once the defrost cycle has completed.
	Food is not packaged correctly.	Food stored uncovered or unwrapped, and damp containers can lead to moisture accumulation within each compartment. Wipe all containers dry and store food in sealed packaging to prevent condensation and frost.
Food is freezing in the refrigerator compartment.	Food with high water content was placed near an air vent.	Rearrange items with high water content away from air vents.
	Refrigerator temperature control is set incorrectly.	If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Setting the Controls section for more information.
	Refrigerator is installed in a cold location.	When the refrigerator is operated in temperature below 41°F (5°C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 55°F (13°C).
Frost or ice crystals form on frozen food (outside of package).	Door is opened frequently or for long periods of time.	When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. Increased moisture will lead to frost and condensation. To lessen the effect, reduce the frequency and duration of door openings.
	Door is not closing properly	Refer to the Doors will not close correctly or pop open section in the Troubleshooting section.

TROUBLESHOOTING GUIDE

Problem	Possible Causes	Solutions
Refrigerator or Freezer section is too cold.	Incorrect temperature control settings.	If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Setting the Controls section for more information.
Frost or ice crystals on frozen food (inside of sealed package).	Condensation from food with a high water content has frozen inside of the food package.	This is normal for food items with a high water content.
	Food has been left in the freezer for a long period of time.	Do not store food items with high water content in the freezer for a long period of time.
Icemaker is not making enough ice.	Demand exceeds ice storage capacity.	The icemaker will produce approximately 100 cubes in a 24 hour period.
	House water supply is not connected, valve is not turned on fully, or valve is clogged.	Connect the refrigerator to a cold water supply with adequate pressure and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.
	Water filter has been exhausted.	It is recommended that you replace the water filter: •Approximately every six months. •When the water filter indicator turns on. •When the water dispenser output decreases. •When the ice cubes are smaller than normal.
	Low house water supply pressure.	The water pressure must be between 20 and 120 psi or 0,14 and 0,83 Mpa on models without a water filter and between 40 and 120 psi or 0,28 Mpa and 0,83 MPa on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
	Reverse Osmosis filtration system is used.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. (Refer to Water Pressure section.)
	Tubing connecting refrigerator to house supply valve is kinked.	The tubing can kink when the refrigerator is moved during installation or cleaning resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.

ICE & WATER

Problem	Possible Causes	Solutions
Icemaker is not making enough ice (continued).	Doors are opened often or for long periods of time.	If the doors of the unit are opened often, ambient air will warm the refrigerator which will prevent the unit from maintaining the set temperature. Lowering the refrigerator temperature can help, as well as not opening the doors as frequently.
	Doors are not closed completely.	If the doors are not properly closed, ice production will be affected. See the Doors will not close completely or pop open section in Parts & Features Troubleshooting for more information.
	The temperature setting for the freezer is too warm.	The recommended temperature for the freezer compartment for normal ice production is 0°F. If the freezer temperature is warmer, ice production will be affected.
Dispensing water slowly.	Water filter has been exhausted.	It is recommended that you replace the water filter: •Approximately every six months. •When the water filter indicator turns on. •When the water dispenser output decreases. •When the ice cubes are smaller than normal.
	Reverse osmosis filtration system is used.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. If the problem persists, it may be necessary to contact a plumber.
	Low house water supply pressure.	The water pressure must be between 20 and 120 psi or 0,14 and 0,83 Mpa on models without a water filter and between 40 and 120 psi or 0,28 Mpa and 0,83 MPa on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
Icemaker is not making ice.	Refrigerator was recently installed or icemaker recently connected.	It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice.
	Icemaker not turned on.	Locate the icemaker ON/OFF switch and confirm that it is in the ON (I) position.
	The ice detecting sensor is obstructed.	Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure that the sensor area is clean at all times for proper operation.
	The refrigerator is not connected to a water supply or the supply shutoff valve is not turned on.	Connect refrigerator to the water supply and turn the water shutoff valve fully open.
	Icemaker shutoff (arm or sensor) obstructed.	If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors.
	Reverse osmosis water filtration system is connected to your cold water supply.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. (Refer to the Water Pressure section.)

TROUBLESHOOTING GUIDE

Problem	Possible Causes	Solutions
Icemaker is not making ice.	Refrigerator was recently installed or icemaker recently connected.	It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice.
	Icemaker not turned on.	Locate the icemaker ON/OFF switch and confirm that it is in the ON (I) position.
	The ice detecting sensor is obstructed.	Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure that the sensor area is clean at all times for proper operation.
	The refrigerator is not connected to a water supply or the supply shutoff valve is not turned on.	Connect refrigerator to the water supply and turn the water shutoff valve fully open.
	Icemaker shutoff (arm or sensor) obstructed.	If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors.
	Reverse osmosis water filtration system is connected to your cold water supply.	Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. (Refer to the Water Pressure section.)
Not dispensing water.	New installation or water line recently connected.	Dispense 2.5 gallons (9 liters) of water (flush for approximately 5 minutes) to remove trapped air and contaminates from the system. Do not dispense the entire 2.5 gallon (9 liters) amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
	The dispenser panel is locked.	Press and hold the Control Lock button for three seconds to unlock the control panel and dispenser.
	The dispenser is not set for water dispensing.	The dispenser can be set for ice or water. Make certain that the control panel is set for the proper operation. Press the Ice/Water Select button on the control panel.
	Refrigerator or freezer doors are not closed properly.	Water will not dispense if any of the refrigerator doors are left open.
	Water filter has been recently removed or replaced.	After the water filter is replaced, dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminates from the system. Do not dispense the entire 2.5 gallon (9 liters) amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
	Tubing connecting refrigerator to house supply valve is kinked.	The tubing can kink when the refrigerator is moved during installation or cleaning resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.
	The house water supply is not connected, the valve is not turned on fully, or the valve is clogged.	Connect refrigerator to the water supply and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.

TROUBLESHOOTING GUIDE

Problem	Possible Causes	Solutions
Ice has bad taste or odor.	Water supply contains minerals such as sulfur.	A water filter may need to be installed to eliminate taste and odor problems. **NOTE:** In some cases, a filter may not help. It may not be possible to remove all minerals / odor / taste in all water supplies.
	Icemaker was recently installed.	Discard the first few batches of ice to avoid discolored or bad tasting ice.
	Ice has been stored for too long.	Ice that has been stored for too long will shrink, become cloudy, and may develop a stale taste. Throw away old ice and make a new supply.
	The food has not been stored properly in either compartment.	Rewrap the food. Odors may migrate to the ice if food is not wrapped properly.
	The interior of the refrigerator needs to be cleaned.	See the Care and Cleaning section for more information.
	The ice storage bin needs to be cleaned.	Empty and wash the bin (discard old cubes). Make sure that the bin is completely dry before reinstalling it.
Dispensing warm water.	Refrigerator was recently installed.	Allow 24 hours after installation for the water storage tank to cool completely.
	The water dispenser has been used recently and the storage tank was exhausted.	Depending on your specific model, the water storage capacity will range from approximately 10 to 30 oz (0,3 to 0,9 liters).
	Dispenser has not been used for several hours.	If the dispenser has not been used for several hours, the first glass dispensed may be warm. Discard the first 10 oz (0,3 liters).
	Refrigerator is connected to the hot water supply.	Make sure that the refrigerator is connected to a cold water pipe. ⚠ **WARNING:** Connecting the refrigerator to a hot water line may damage the icemaker.
Water has bad taste or odor.	Water supply contains minerals such as sulfur.	A water filter may need to be installed to eliminate taste and odor problems.
	Water filter has been exhausted.	It is recommended that you replace the water filter: •Approximately every 6 months. •When the water filter indicator turns on. •When the water dispenser output decreases. •When the ice cubes are smaller than normal.
	Refrigerator was recently installed.	Dispense 2.5 gallons (9 liters) of water (flush for approximately 5 minutes) to remove trapped air and contaminates from the system. Do not dispense the entire 2.5 gallon (9 liters) amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
Icemaker is making too much ice.	Icemaker shutoff (arm/sensor) is obstructed.	Empty the ice bin. If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors. Reinstall the ice bin and wait 24 hours to confirm proper operation.

NOISE

Problem	Possible Causes	Solutions
Clicking	The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control on some models) will also click when cycling on and off.	Normal Operation
Rattling	Rattling noises may come from the flow of refrigerant, the water line on the back of the unit, or items stored on top of or around the refrigerator.	Normal Operation
	Refrigerator is not resting solidly on the floor.	Floor is weak or uneven or leveling legs need to be adjusted. See the Door Alignment section.
	Refrigerator with linear compressor was jarred while running.	Normal Operation
Whooshing	Evaporator fan motor is circulating air through the refrigerator and freezer compartments.	Normal Operation
	Air is being forced over the condenser by the condenser fan.	Normal Operation
Gurgling	Refrigerant flowing through the cooling system.	Normal Operation
Popping	Contraction and expansion of the inside walls due to changes in temperature.	Normal Operation
Sizzling	Water dripping on the defrost heater during a defrost cycle.	Normal Operation
Vibrating	If the side or back of the refrigerator is touching a cabinet or wall, some of the normal vibrations may make an audible sound.	To eliminate the noise, make sure that the sides and back cannot vibrate against any wall or cabinet.
Dripping	Water running into the drain pan during the defrost cycle.	Normal Operation
Pulsating or High-Pitched Sound	Your refrigerator is designed to run more efficiently to keep your food items at the desired temperature. The high efficiency compressor may cause your new refrigerator to run longer than your old one, but it is still more energy efficient than previous models. While the refrigerator is running, it is normal to hear a pulsating or high-pitched sound.	Normal Operation

PARTS & FEATURES

Problem	Possible Causes	Solutions
Doors will not close correctly or pop open.	Food packages are blocking the door open.	Rearrange food containers to clear the door and door shelves.
	Ice bin, crisper cover, pans, shelves, door bins, or baskets are out of position.	Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the Using Your Refrigerator section for more information.
	The doors were removed during product installation and not properly replaced.	Remove and replace the doors according to the Removing and Replacing Refrigerator Handles and Doors section.
	Refrigerator is not leveled properly.	See Door Alignment in the Refrigeration Installation section to level refrigerator.
Doors are difficult to open.	The gaskets are dirty or sticky.	Clean the gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	Door was recently closed.	When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open, wait one minute to allow the air pressure to equalize, then see if it opens more easily.
Refrigerator wobbles or seems unstable.	Leveling legs are not adjusted properly.	Refer to the Leveling and Door Alignment section.
	Floor is not level.	It may be necessary to add shims under the leveling legs or rollers to complete installation.
Lights do not work.	LED interior lighting failure.	The refrigerator compartment lamp is LED interior lighting, and service should be performed by a qualified technician. Refer to the Light Bulb Replacement section.
The interior of the refrigerator is covered with dust or soot.	The refrigerator is located near a fire source, such as a fireplace, chimney or candle.	Make sure that the refrigerator is not located near a fire source, such as a fireplace, chimney or candle.

WARRANTY

LG ELECTRONICS U.S.A., INC.
LG REFRIGERATOR LIMITED WARRANTY - U.S.A.

Should your LG Refrigerator ("Product") fail due to a defect in materials or workmanship under normal home use, during the warranty period set forth below, LG will at its option repair or replace the product. This limited warranty is valid only to the original retail purchaser of the product and applies only when purchased and used within the United States including U.S. Territories. Proof of original retail purchase is required to obtain warranty service under this limited warranty.

WARRANTY PERIOD			
Refrigerator	**Sealed System (Condenser, Dryer, Connecting Tube, Refrigerant and Evaporator)**		**Linear Compressor**
One (1) year from the date of original retail purchase.	One (1) year from the date of original retail purchase.	Seven (7) years from the date of original retail purchase.	Ten (10) years from the date of original retail purchase.
Parts and Labor (internal/functional parts only)	Parts and Labor	Parts only (Consumer will be charged for labor)	Part only (Consumer will be charged for labor)

Noises associated with normal operation and failure to follow instructions found in the use and care and installation guides or operating the unit in an unsuitable environment will not be covered under this warranty.

- **Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.**
- **Replacement products and parts may be new or remanufactured.**

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

THIS LIMITED WARRANTY DOES NOT COVER:

1. Service trips to deliver, pick up, install, or repair the product; instruct the customer on operation of the product; repair or replace fuses or correct wiring or plumbing, or correction of unauthorized repairs/ installation.
2. Failure of product to perform during power failures and interruptions or inadequate electrical service.
3. Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
4. Damage resulting from operating the product in a corrosive atmosphere or contrary to the instructions outlined in the product owner's manual.
5. Damage to the product caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God.
6. Damage resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes use of parts not approved or specified by LG.
7. Damage or failure caused by unauthorized modification or alteration, or if it is used for other than the intended purpose, or any water leakage where the unit was not properly installed.
8. Damage or failure caused by incorrect electrical current, voltage, or plumbing codes, commercial or industrial use, or use of accessories, components, or consumable cleaning products that are not approved by LG.
9. Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery (Call: 1-800-243-0000).
10. Damage or missing items to any display, open box, discounted, or refurbished product.
11. Products with original serial numbers that have been removed, altered, or can not be readily determined. Model and Serial numbers, along with original retail sales receipt, are required for warranty validation.
12. Increases in utility costs and additional utility expenses.
13. Replacement of light bulbs, filters, or any consumable parts.
14. Repairs when your product is used in other than normal and usual household use (e.g. commercial use, offices, and recreational facilities) or contrary to the instructions outlined in the product owner's manual.
15. Costs associated with removal of your product from your home for repairs.
16. The removal and reinstallation of the product if it is installed in an inaccessible location or is not installed in accordance with published installation instructions, including LG's owner's and installation manuals.
17. Shelves, door bins, drawers, handles, accessories, and other parts besides those that were originally included with this particular model.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

For complete warranty details and customer assistance,
please call or visit our website:
Call 1-800-243-0000 (24 hours a day, 365 days a year) and select the appropriate option from the menu, or visit our website at www.lg.com
Or by mail: LG Customer Information Center:
P. O. Box 240007, 201 James Record Road Huntsville, Alabama 35813
ATTN: CIC

Write your warranty information below:

Product Registration Information:

Model:
Serial Number:
Date of Purchase:

WARRANTY

LG ELECTRONICS CANADA, INC.
LG REFRIGERATOR LIMITED WARRANTY - Canada

WARRANTY: Should your LG Refrigerator ("Product") fail due to a defect in material or workmanship under normal home use during the warranty period set forth below, LG Canada will at its option repair or replace the Product upon receipt of proof of original retail purchase.
This warranty is valid only to the original retail purchaser of the product and applies only to a Product distributed in Canada by LG Canada or an authorized Canadian distributor thereof. The warranty only applies to Products located and used within Canada.

WARRANTY PERIOD: (Note: If the original date of purchase can not be verified, the warranty will begin sixty (60) days from the date of manufacture)			
Refrigerator/Freezer	**Sealed System (Condenser, Dryer, Connecting Tube, Refrigerant and Evaporator)**		**Linear Compressor**
One (1) year from the date of original retail purchase.	One (1) year from the date of original retail purchase.	Seven (7) years from the date of original retail purchase.	Ten (10) years from the date of original retail purchase.
Parts and Labor (internal/functional parts only)	Parts and Labor	Parts only (Consumer will be charged for labor)	Part only (Consumer will be charged for labor)

Noises associated with normal operation and failure to follow instructions found in the use and care and installation guides or operating the unit in an unsuitable environment will not be covered under this warranty.

- **Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.**
- **Replacement products and parts may be new or remanufactured.**
- **LG Authorized Service Center warranties their repair work for thirty (30) days.**

LG CANADA'S SOLE LIABILITY IS LIMITED TO THE WARRANTY SET OUT ABOVE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, LG CANADA MAKES NO AND HEREBY DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS RESPECTING THE PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO REPRESENTATIONS SHALL BE BINDING ON LG CANADA. LG CANADA DOES NOT AUTHORIZE ANY PERSON TO CREATE OR ASSUME FOR IT ANY OTHER WARRANTY OBLIGATION OR LIABILITY IN CONNECTION WITH THE PRODUCT. TO THE EXTENT THAT ANY WARRANTY OR CONDITION IS IMPLIED BY LAW, IT IS LIMITED TO THE EXPRESS WARRANTY PERIOD ABOVE. LG CANADA, THE MANUFACTURER OR DISTRIBUTOR SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT OR INDIRECT DAMAGES, LOSS OF GOODWILL, LOST PROFITS, PUNITIVE OR EXEMPLARY DAMAGES OR ANY OTHER DAMAGE, WHETHER ARISING DIRECTLY OR INDIRECTLY FROM ANY CONTRACTUAL BREACH, FUNDAMENTAL OR OTHERWISE, OR FROM ANY ACTS OR OMISSIONS, TORT, OR OTHERWISE. This warranty gives you specific legal rights. You may have other rights which may vary from province to province depending on applicable provincial laws. Any term of this warranty that negates or varies any implied condition or warranty under provincial law is severable where it conflicts with provincial law without affecting the remainder of this warranty's terms.

THIS LIMITED WARRANTY DOES NOT COVER:

1. Service trips to deliver, pick up, install, or repair the product; instruct the customer on operation of the product; repair or replace fuses or correct wiring or plumbing, or correction of unauthorized repairs/installation.
2. Failure of product to perform during power failures and interruptions or inadequate electrical service.
3. Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
4. Damage resulting from operating the product in a corrosive atmosphere or contrary to the instructions outlined in the product owner's manual.
5. Damage to the product caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God.
6. Damage resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes use of parts not approved or specified by LG.
7. Damage or failure caused by unauthorized modification or alteration, or if it is used for other than the intended purpose, or any water leakage where the unit was not properly installed.
8. Damage or failure caused by incorrect electrical current, voltage, or plumbing codes, commercial or industrial use, or use of accessories, components, or consumable cleaning products that are not approved by LG.
9. Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery (Call: 1-800-243-0000).
10. Damage or missing items to any display, open box, discounted, or refurbished product.
11. Products with original serial numbers that have been removed, altered, or can not be readily determined. Model and Serial numbers, along with original retail sales receipt, are required for warranty validation.
12. Increases in utility costs and additional utility expenses.
13. Replacement of light bulbs, filters, or any consumable parts.
14. Repairs when your product is used in other than normal and usual household use (e.g. commercial use, offices, and recreational facilities) or contrary to the instructions outlined in the product owner's manual.
15. Costs associated with removal of your product from your home for repairs.
16. The removal and reinstallation of the product if it is installed in an inaccessible location or is not installed in accordance with published installation instructions, including LG's owner's and installation manuals.
17. Shelves, door bins, drawers, handles, accessories, and other parts besides those that were originally included with this particular model.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

For complete warranty details and customer assistance, please call or visit our website: Call 1-888-542-2623 (24 hours a day, 365 days a year) and select the appropriate option from the menu, or visit our website at **www.lg.com**

Write your warranty information below:

Product Registration Information:

Model: _____
Serial Number: _____
Date of Purchase: _____

SMART DIAGNOSIS
(In some models).

Should you experience any problems with your refrigerator, it has the capability of transmitting data via your telephone to the LG service center. This gives you the capability of speaking directly to our trained specialists. The specialist records the data transmitted from your machine and uses it to analyze the issue, providing a fast and effective diagnosis.

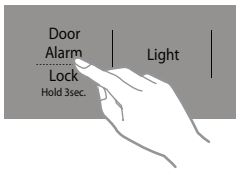
If you experience problems with your refrigerator, call 1-800-243-0000. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent. The transmission sounds that you will hear are normal and sound similar to a fax machine.

Smart Diagnosis cannot be activated unless your refrigerator is connected to power. If your refrigerator is unable to turn on, then troubleshooting must be done without using Smart Diagnosis.

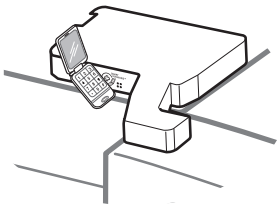
Using Smart Diagnosis

First, call 1-800-243-0000. Only use the Smart Diagnosis feature when instructed to do so by the LG call center agent.

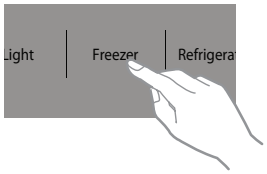
1. Lock the display. To lock the display, press and hold the Lock button for three seconds. (If the display has been locked for over five minutes, you must deactivate the lock and then ractive it.)



3. Hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door, when instructed to do so by the call center.



4. Press and hold the Freezer Temperature button for three seconds while continuing to hold your phone to the speaker.



5. After you hear three beeps, release the Freezer Temperature button.

6. Keep the phone in place until the tone transmission has finished. This takes about 15 seconds, and the display will count down the time. Once the countdown is over and the tones have stopped, resume your conversation with the specialist, who will then be able to assist you in using the information transmitted for analysis.

NOTE

- For best results, do not move the phone while the tones are being transmitted.
- If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.

LG Customer Information Center	
1-800-243-0000	USA, Consumer User
1-888-865-3026	USA, Commercial User
1-888-542-2623	CANADA

Register your Product Online!

www.lg.com